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**Date:** October 19, 2007 12:27:19 AM PDT

**To:** [energyfolks@lists.stanford.edu](mailto:energyfolks@lists.stanford.edu)

**Subject: GCEP Electricity Infras, CA climate, Coal, Green workplace**

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**1. The sexiest vehicle a man could drive!**

L.A. Times, Oct 17, 2007

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**2. A few quotes: General Abizaid, GHWBush, Friedman**

"We've treated the Arab world as a collection of big gas stations. Our message to them is: Guys, keep your pumps open, prices low, be nice to the Israelis and you can do whatever you want out back. Osama and 9/11 is the distilled essence that represents everything going on out back."

General Abizaid, former Commander of the United States Central Command. Stanford Homecoming Panel

"Courting Disaster: The Fight for Oil, Water and a Healthy Planet." Oct 13.

"You know why I call him Ozone Man? This guy is so far off in the environmental extreme, we'll be up to our neck in owls and out of work for every American. This guy's crazy!"

George Herbert Walker Bush during his losing campaign for reelection in 1992, referring to Al Gore

It's about jobs. The more government requires buildings to be more energy efficient, the more work there will be retrofiting buildings all across America with solar panels, insulation and other weatherizing materials. Those are manual-labor jobs that can't be outsourced.

Let's tell our disaffected youth: "You can make more money if you put down that handgun and pick up a caulk gun."

Tom Friedman's NYT column, Oct 16.

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### **3. GCEP Conference on Advanced Electricity Infrastructure, Nov 1-2**

The Global Climate and Energy Project (GCEP) is organizing a two-day workshop on Advanced Electricity Infrastructure that will be held at the Frances C. Arrillaga Alumni Center on the Stanford campus on November 1-2, 2007. This event is part of GCEP's assessment activity in the area of Energy Distribution, Storage, and Infrastructure.

Technical experts in a broad range of topic areas will assemble and discuss research ideas in advanced transmission, power systems control and analysis, distributed generation, and storage. The objective of the workshop is to identify innovative, high-risk research opportunities that complement current investigations with the potential to improve significantly the efficiency and effectiveness of the electricity grid in the next 10 to 50 years.

Please view the draft agenda for the workshop at:

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

This technical workshop is free and open to the Stanford community, and outside researchers and energy professionals, but registration is required by October 21, 2007. As seating is limited to approximately 120 participants, please register soon at:

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

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### **4. California Energy and Climate: Making a Difference in Real Time, Oct 31**

Ralph Cavanagh, Co-Director of the Energy Program of the Natural Resources Defense Council (NRDC), will speak on the current implementation of California energy-related legislation including Assembly Bill 32 and SB 1368.

The Stanford community is invited to attend the weekly Energy Seminar, an interdisciplinary series of talks primarily by Stanford experts on a broad range of energy topics. Drop-ins welcome. Wednesdays, 4:15 to 5:15

Building 420 Room 40, enter downstairs in the Main Quad.

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### **5. Enlightened Self-Interest: Harnessing the Power of Markets to Save the Earth, Oct 23**

Carter Roberts, President and CEO, World Wildlife Fund  
Tuesday, October 23 at 6:00 - 7:00PM, reception to follow  
GSB South, Bishop Auditorium

The Center for Social Innovation and the Woods Institute for the Environment at Stanford welcome Carter Roberts, President and CEO of the World Wildlife Fund (WWF). Mr. Roberts will share how WWF influences institutions and markets to reduce their impact on the natural world. This lecture is part of the Von Gugelberg Memorial series established to honor the memory of Conradin von Gugelberg (MBA '87) and his

commitment to environmental protection.

In the annual Von Gugelberg Lecture, the leader of the world's largest conservation organization and partner for leading corporations like Google, Coca-Cola, and Wal-Mart, will discuss harnessing the market to fight climate change and resource exhaustion. Through cutting-edge collaborations with corporations, local communities and other institutions, the World Wildlife Fund has created a model for engagement that leads to lasting change and sustainable growth. Roberts will talk about how a new era of global threats has changed the way his organization, and nearly every important institution on earth, goes about addressing conservation. For corporations, Roberts argues, the lesson is clear: conservation is no longer a question of reputation - it is a question of long-term survival.

Register Now <[http://www.gsb.stanford.edu/csi/programs/form\\_eventregistration2.html](http://www.gsb.stanford.edu/csi/programs/form_eventregistration2.html)>

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## 6. US Coal Plant Plans Scrapped, Delayed

By MATTHEW BROWN, AP, Oct 17, 2007

<http://www.chron.com/disp/story.mpl/ap/fn/5223844.html>

BILLINGS, Mont. - At least 16 coal-fired power plant proposals nationwide have been scrapped in recent months and more than three dozen have been delayed as utilities face increasing pressure due to concerns over global warming and rising construction costs.

The U.S. Department of Energy's latest tally of pending coal plants, released last week, shows eight projects totaling 7,000 megawatts have been canceled since May. That's besides the cancellation earlier this year of eight plants in Texas totaling 6,864 megawatts. Utilities have also pushed back construction on another 32,000 megawatts worth of projects, according to the Energy Department report.

As Congress considers restrictions on greenhouse gas emissions, analysts said utilities are suspending some projects while they wait to gauge the economic impact of future regulations.

Meanwhile, material costs and demand for skilled labor has prompted plant costs to spike 40 percent or more. Industry representatives blamed increased competition from China and other developing nations aggressively pursuing new coal plants.

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## 7. GRID Alternatives Projects: Energy Efficiency, Solar Affordable Housing

### ENERGY EFFICIENCY TEAM PROGRAM

It is that time of year again for Energy Efficiency Team workdays and we'd love to see as many of you as are interested out there. We'll be partnering with the Oakland chapter of Rebuilding Together for a workday this month to install basic energy and water conservation measures in the homes of low-income, elderly and disabled residents. The measures we'll install make a big difference in the lives of these seniors, not only saving them on average \$150 in utility costs per year, but making their homes a little less drafty. If you're a new volunteer with GRID Alternatives, NO volunteer application is necessary for coming out to the Energy Efficiency workdays.

Email [info@gridalternatives.org](mailto:info@gridalternatives.org) to RSVP.

Rebuilding Together Websites:

Oakland - <http://rebuildingtogetheroakland.org>

### SOLAR AFFORDABLE HOUSING PROGRAM

If you are interested in learning about solar energy and want to give back to your community, join GRID Alternatives as we make the benefits of solar power accessible to low-income families. All of our work benefits low-income families and is accomplished through a community effort using volunteers like you. You do not need to have any prior experience or special skills in order to volunteer. All you need to do is complete a volunteer application (see below), attend one of our mandatory training sessions and RSVP to reserve a spot on a workday(s). The training will cover the basics of electricity and solar power, solar design, financial analysis of solar, as well as the actual nuts and bolts of the installation process, with a focus on safety. Once you have been trained, you can volunteer as often as you like without attending additional training sessions. Unfortunately, we have no trainings or installations requiring additional volunteers during the month of October, but keep checking our website and e-mails for November opportunities.

Go to this url for a volunteer application:  
[http://www.gridalternatives.org/files/Application\\_Form.pdf](http://www.gridalternatives.org/files/Application_Form.pdf)

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### **8. Greening Your Workplace - An Acterra Environmental Forum, Stanford, Oct 22**

Monday, October 22, 2007  
5:30 pm - 8:00 pm  
Hacienda Commons, Rains Housing Complex  
Stanford University

Come hear the stories of four Silicon Valley employees who have built awareness and successfully championed sustainable practices in their workplaces.

- Speakers:
- Rafi Taherian, Director, Stanford Dining Services
  - Catherine Byers, Cornerstone Research
  - Susan Gladwin, Greening Specialist, California Clean Tech Open
  - David Allen, Member, Hewlett-Packard Sustainability Team

Join the discussion with your ideas and questions about effective ways to make your workplace "green." Meet vendors of recycled paper, compostable eating utensils, and other "green" office supplies. Reception with light "after work" refreshments at 5:30. Program starts at 6:30 pm.

Cost: \$5 Acterra members; \$10 general -- or sign up to be an Acterra member this night and it's free! RSVP to Ellen Wilkinson by Oct 19th: [ellenw@acterra.org](mailto:ellenw@acterra.org) or 650-962-9876 x306.

Co-sponsored by Stanford Dining, winner of the 2007 Acterra Award for Sustainability.

Directions: From El Camino, turn west onto Serra St. Turn left on Campus Drive and then left on Escondido Rd. Turn right into the last parking lot before the street is blocked off. This parking is free after 4 pm. Hacienda Commons has a large round window near the roof.

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### **9. Jon Koomey speaking at an Ecology Project International event. Oct 21, S.F.**

Jon Koomey will be speaking this Sunday (October 21st, 2007) at a 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 (see exciting auction items below!). 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

Please RSVP to Kate ([kate@ecologyproject.org](mailto:kate@ecologyproject.org)). 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 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 [event@ecologyproject.org](mailto:event@ecologyproject.org).
3. Send a check in the mail to EPI, PO Box 9192, Missoula, MT 59807

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## 10. Google Rechargeit PHEV, EV Initiative

Dear Friends of Google.org <<http://Google.org>> ,  
As most of you know, Google.org <<http://google.org/>> launched the Rechargeit initiative <<http://www.google.org/recharge/>> last June in an effort to reduce greenhouse gas emissions from vehicles. On September 15th we publicly announced a new investment request for proposals (RFP) <<http://www.google.org/recharge/rfp/index.html>> to the tune of \$10 million in order to advance our goal of developing sustainable transportation solutions. We wanted to make sure you heard about the RFP and ask your help in spreading the word to make sure we can do our part to advance these vital technologies. You can read more about RechargeIT in our blog post "Drivers, start your batteries!" <<http://blog.google.org/2007/09/drivers-start-your-batteries.html>> "

We are encouraged by the great accomplishments from people like you to bring plug-in vehicles to market and hope that this RFP <<http://www.google.org/recharge/rfp/index.html>> will inspire even more innovative solutions to help make commercialization a reality. Please help us to spread the word about this opportunity to your friends and colleagues!

Warm regards,  
Google.org <<http://Google.org>>  
RechargeIT Initiative

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## 11. MMA Renewables Ventures Closes Solar Fund with Wells Fargo

<http://money.cnn.com/news/newsfeeds/articles/prnewswire/AQF022A12102007-1.htm>  
<<http://money.cnn.com/news/newsfeeds/articles/prnewswire/AQF022A12102007-1.htm>>

MMA Renewable Ventures Closes Solar Fund with Wells Fargo  
Leveraged Fund Aggregates 10-15 MW of New Solar Energy Projects Nationwide  
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SAN FRANCISCO, Oct. 12 MMA Renewable Ventures, LLC, a subsidiary of Municipal Mortgage & Equity, LLC, "MuniMae," , today announced that it has closed commitments for Fund III, a leveraged solar energy project finance fund with tax-advantaged equity investments from an affiliate of Wells Fargo & Company ("Wells Fargo") . MMA Renewable Ventures will use the capital to finance, own and operate 10-15 megawatts (MW) of new distributed photovoltaic projects for customers across the United States.

The multi-project Fund III will streamline financing for solar electric systems at more than thirty sites including commercial, utility, and municipal organizations. MMA Renewable Ventures will manage all of the solar generation assets and deliver predictably priced electricity to the customers under long-term power purchase agreements (PPAs).

With the close of MMA Renewable Ventures' Fund III, the company has arranged financing for a total of \$300 million worth of solar energy projects under PPAs in seven states, resulting in 30 MW of new solar development.

About MMA Renewable Ventures

A subsidiary of Municipal Mortgage & Equity, LLC "MuniMae," , MMA Renewable Ventures finances, owns and operates renewable energy and energy efficiency assets in the United States. The Company provides leases, Power Purchase Agreements (PPAs) and other customized financial solutions to help its customers manage energy costs. MMA Renewable Ventures is dedicated to delivering competitively priced, clean energy and energy savings to customers, strong partnership options for project developers, and exceptional opportunities for institutional investment in the clean energy sector. For more information about MMA Renewable Ventures, visit <http://www.mmarenableventures.com>

John Woody  
MMA Renewable Ventures, LLC  
44 Montgomery Street, Suite 2400  
San Francisco, CA 94104  
415.229.8853 direct | 415.734.0687 mobile  
415.986.8038 main | 415.276.8962 fax  
[john.woody@mmarenew.com](mailto:john.woody@mmarenew.com) | [www.mmarenableventures.com](http://www.mmarenableventures.com)  
<<http://www.mmarenableventures.com>>

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**12. Interns Wanted: Climate Conservancy, Stanford.**

The Climate Conservancy (TCC), a non-profit organization founded by Stanford graduate students from the Schools of Earth Science, Engineering and Business, is looking for interns. We are working with several companies in the consumer packaged good sector to assess the GHGs emitted over the life cycle of their products and label them accordingly.

The offered internships are voluntary, and interns would be expected to work no

fewer than four hours per week and present work product once a week. While we have several projects in mind, once interns understand our business and LCA methodology, there will be flexibility to propose projects based on their own interests. Interested students should send a short paragraph relating their background and experience to [sjdavis@stanford.edu](mailto:sjdavis@stanford.edu).

Jim Sweeney  
CTO  
The Climate Conservancy  
415-298-8467 T  
[jsweeney@climateconservancy.org](mailto:jsweeney@climateconservancy.org)

[www.climateconservancy.org](http://www.climateconservancy.org) <<http://www.climateconservancy.org>>

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### **13. Climate Trust, Sr.. Program Manager, Portland**

We are looking for a Senior Program Manager to play a lead role in

- \* creating and implementing several key Climate Trust programs in the voluntary and regulatory carbon offset markets; and
- \* managing the implementation of voluntary offset programs for corporate partners.

The successful applicant will

- \* develop project proposals, manage teams, and assure quality and timeliness of deliverables;
- \* develop and maintain strong relationships with clients and funders;
- \* help identify, evaluate, and acquire offset projects to incorporate into The Climate Trust's offset portfolio; and
- \* support the development of policy initiatives and represent The Climate Trust in public forums.

The ideal candidate will have a bachelor's or Master's degree and deep experience in energy efficiency, renewable energy, or other energy/environmental issues, and knowledge of climate change issues. We are seeking an individual with proven project and people management skills. Experience with greenhouse gas offset projects and the carbon market is highly desirable.

The starting annual salary for this position is in the range of \$60,000 to \$68,000. The Climate Trust offers a highly competitive benefits package and an excellent corporate culture.

Mike Burnett  
Executive Director  
The Climate Trust  
65 SW Yamhill Street, Suite 400  
Portland, OR 97204-3329  
Phone: 503-238-1915 x 202  
Fax: 503-238-1953  
[www.climatetrust.org](http://www.climatetrust.org) <<http://www.climatetrust.org>> <<http://www.climatetrust.org/>>

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### **14. Energy Consultants, Navigant: San Francisco,CA; Burlington, MA; Washington, 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. Visit [www.navigantconsulting.com](http://www.navigantconsulting.com) <<http://www.navigantconsulting.com/>> .

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. Submit your resume by searching the Campus Opportunities portal from our homepage. (Note: Be sure to search for "Energy Consultant" and ignore the location category since the location of the position is often flexible and not limited to the listing on the website). The deadline for resume submittals is October 31st. [Emailcahlfeldt@navigantconsulting.com](mailto:Emailcahlfeldt@navigantconsulting.com) if you have any questions.

Responsibilities:

- 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

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 Master's 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.

Chris Ahlfeldt  
Consultant, Energy Practice  
Technology Strategy & Management  
Navigant Consulting  
Tel (415)356-7106  
Fax (415)356-4005

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**15. More Nexant Positions: SLC, Boulder, SF, Madison, White Plains**

Nexant, Inc has several exciting employment opportunities available in Salt Lake City, UT; Boulder, CO; San Francisco, CA; Madison, WI; and White Plains, NY. We are looking for innovative and motivated engineers to join our energy analysis team.

Nexant, Inc. is a leading provider of energy technology solutions and consulting services to public and private clients, electric and gas utilities, as well as to international development organizations, national and regional government agencies, and energy end users. Since 1986, Nexant (as Schiller Associates prior to 2000) has provided, among many other offerings, performance analysis, modeling, and M&V related services.

Nexant's core building energy modeling team has extensive experience in residential, commercial, institutional and governmental building sectors. Our energy analysis team's skills are complimented by our knowledge of achieved energy savings gained through our measurement and verification (M&V) consulting activities. Nexant is a recognized leader and educator in the field of energy savings verification, having authored or helped develop many of the industry's leading references.

Visit our website for available career opportunities at [www.nexant.com](http://www.nexant.com) <<http://www.nexant.com>> . Interested candidates should send a resume and cover letter to [jobs@nexant.com](mailto:jobs@nexant.com)with "Career Position - (and the city you are most interested in)" in the subject line.

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#### **16. SUNEDISON INTERNATIONAL - STRATEGIC ANALYST,**

SunEdison, North America's largest solar energy services provider and an emerging global leader, is seeking an International Strategic Analyst to do financial modeling, deal analysis and business development. Working with the VP, SunEdison International and the Director, International Business Development, this person will lead market, JV partner and related financial analysis to support existing and future market assessments as well as specific deal analysis while concurrently managing sales and business development support systems for internal reporting, JV partners and customer interface and associated stakeholders.

**ESSENTIAL DUTIES AND RESPONSIBILITIES**

- Prepares market analyses, potential JV assessments and/or acquisition analyses
- Research and recommend new markets, JV partners, new project locations and potential new clients for future business.
- Prepares financial modeling as needed for proposals
- Interface with Finance in the preparation and completion of cost proposals.
- Prepare financial reports, weekly progress reports and sales reports for the Vice President of International as needed.
- Develop and manage incoming lead management / sales pipeline reporting (e.g., Sale Force) per Company and customer standards.
- Prepare relevant presentations, collateral and support materials for the cross-section of business development audiences, as needed.
- Ensure submittal of relevant country processing forms as needed in coordination with the Director, local SE staff and JV partners.
- Coordination and legwork as required for completion of forms, letters, communications and documents as need in support the sales process.
- Preparation of LOI's, NDA's and SPSA's as needed.
- Work with the Director in the review and preparations of RFP's responses.
- Work with the Director in the review and preparation of proposals.
- Proficient use of Excel and Power Point in the all aspects of the Inside Sales Support

#### **ORGANIZATIONAL RELATIONSHIPS**

Reports to the Director, International Development and works on select projects with the VP, SunEdison International

#### **QUALIFICATIONS**

- á Proven ability to do financial modeling and market analysis.
- á 3-5 Years experience, college degree required MBA preferred
- á Capable of managing multiple projects
- á Good communication skills and the ability to work well with people are essential.

á Proficient on computer, with advanced ability in MS Word, Excel, Outlook, PowerPoint, Salesforce.

Salary range \$70,000-\$80,000 benefits and stock appreciation points EOE

[mgrenier@sunedison.com](mailto:mgrenier@sunedison.com)

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### **17. PG&E, ClimateSmart Carbon Neutral, Program manager, S.F.**

PG&E is seeking a product manager for our ClimateSmart carbon neutral optional rate in our Customer Generation and Emerging Products department, located in San Francisco, CA.

As a product manager at PG&E, you will be a valued member of our ClimateSmart team, providing strategic support and contributing to ClimateSmart's success. Your experience will include leading cross-functional teams in the planning, execution, and analysis of relevant aspects of the business.

1. Work closely with the communications, marketing, and environmental policy managers for the program manager to reassess and ensure the marketing plan effectively positions ClimateSmart and that all facets of the product are working to support program goals.
2. Serve as an external ambassador for ClimateSmart with business leaders and community leaders in support of other members of PG&E (account management, government relations, environmental policy) as it relates to marketing ClimateSmart.
3. Coordinate with other product managers from PG&E's Customer Energy Efficiency programs to develop co-marketing opportunities; explore and pursue external 3rd party partnerships that align in accordance with overall ClimateSmart goals.
4. Lead a large-cross functional team (e.g. Communications, Marketing, Legal, Accounting, Government Relations, Regulatory Relations, Environmental Policy, Product Planning, Customer Insight, Service and Sales) to (1) coordinate with Marketing on refinement and continued implementation of ClimateSmart marketing plan; (2) coordinate with Marketing to ensure marketing efforts are in compliance with all applicable regulatory, accounting, legal, and corporate policies; (3) analyze monthly enrollment forecasts and reports on other key performance indicators; (4) conduct competitive analyses on ClimateSmart performance and customer analytics; (5) collaborate and manage development of marketing and communications materials for ClimateSmart; and (6) track and report cost/benefit per channel and readjust resource allocations accordingly

Essential/Required:

- \* 7+ years experience (or 5 years + MBA) in product marketing, marketing program management, or management/strategy consulting
- \* General knowledge of PG&E's customer base and our geographical uniqueness
- \* Excellent written and oral communication skills
- \* Strong prioritization, analytical, presentation, project management (from conception to completion) and planning skills
- \* Demonstrated collaborative skills and ability to lead a team
- \* Ability to work in a fast-paced and deadline-oriented environment
- \* Self-motivated with critical attention to detail, deadlines, and reporting
- \* Demonstrated capacity for developing and understanding strategy
- \* Data literacy with the ability to employ and interpret data segmentation to effectively target customers
- \* Bachelor's degree in marketing or statistics

Please apply directly to [www.pge.com/careers](http://www.pge.com/careers) <<http://www.pge.com/careers>> , reference job code PSX53735.

Pacific Gas and Electric Company offers an exceptional compensation and benefits package including: Matching 401(k), short-term incentive plan, medical/dental/vision benefits, assistance with relocation costs, developmental opportunities, tuition reimbursement and a whole lot more!

Learn more about us by browsing our homepage at [www.pge.com](http://www.pge.com) <<http://www.pge.com/>>

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### **18. Director of Technology and Innovation, Green Roundtable, Boston**

The Green Roundtable, located in downtown Boston, MA, seeks a Director for its Technology and Innovation services; this senior position offers a wide range of creative opportunities. The Director oversees project specific opportunities as well as general tool and resource development to serve sustainable design strategies. This Director mentors and provides technical support and in-house review to project management staff on a wide range of high leverage projects from master planning to individual buildings of all types. This position also supports the ongoing development of innovative tools, resources and educational materials provided to the community through NEXUS, our Green Building Resource Center. The ideal candidate has experience with building system analysis (energy and/or daylight modeling), building systems integration and a solid foundation in building science. A degree and professional experience in engineering and/or architecture is preferable. This person can also participate in GRT's educational and policy activities as well, depending on their level of interest. This is an excellent opportunity to use a technical background as a tool for innovation and market transformation. Technical expertise and a passion for sustainability will provide you with an opportunity for professional satisfaction on many levels in this position.

Candidate must have:

- Minimum of 6 years related experience with an advanced degree; or, a bachelors degree plus 10 years of related experience
- Solid foundation in building science - ideally bridging architecture and engineering disciplines
- The highest priority is the ability to provide competent peer review for building systems (HVAC, lighting, electrical) to critique energy models and daylight analysis
- Understanding of both traditional and alternative building systems and building system integration required
- Competencies in site design, civil engineering, and landscape architecture design a plus
- Professional licensure a plus
- Experience preparing renewable energy feasibility assessments
- Proficiency with construction specifications
- Comfort with life cycle costing and life cycle analysis
- Familiarity with a wide variety of analysis tools, software programs and comfort level learning new tools
- Experience using LEED and other green building rating systems on projects;
- Creative, "out of the box" strategic thinking
- Excellent project management skills and attention to detail
- Excellent communication and writing skills
- Ability to teach, mentor and provide ongoing capacity building for both staff and clients

Interested candidates should send a resume, including a minimum of 3 references and cover letter to [info@greenroundtable.org](mailto:info@greenroundtable.org) (word or PDF format only)

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## 19. Project Manager - Green Building Consultant, Boston

The Green Roundtable, located in downtown Boston, MA, seeks a full-time project manager green building consultant to provide technical support on a variety of green building and sustainable planning projects and in the implementation of green building rating systems (LEED, GGHC, CHPS, LABS21, etc).

Candidates would be consulting directly to owner/client on both process and technology issues, such as: assisting with design team selection, shaping cost benefit analysis and building system selection and design (specific to technology) technical analysis, recommendations and implementation of all strategies. Your role would specifically require project management experience, technical review of building systems and products and LEED facilitation.

Interested candidates will also have opportunities to provide training to stakeholder groups, develop new educational and analytical tools, and participate in grant-supported public policy work (if desired).

Candidate must have:

- Minimum of 6 years related experience with an advanced degree; or, a bachelors degree plus 10 years of related experience
- Solid foundation in building science - ideally bridging architecture and engineering disciplines;
- The highest priority is the ability to provide competent peer review for building systems (HVAC, lighting, electrical) to critique energy models and daylight analysis. Understanding of both traditional and alternative building systems and building system integration required
- Competencies in site design, civil engineering, and landscape architecture design a plus
- Professional licensure a plus
- Experience preparing renewable energy feasibility assessments a plus
- Proficiency with construction specifications
- Comfort with life cycle costing and life cycle analysis
- Familiarity with a wide variety of analysis tools, software programs and comfort level learning new tools
- Experience using LEED and other green building rating systems on projects;
- Creative, "out of the box" strategic thinking
- Excellent project management skills and attention to detail
- Excellent communication and writing skills

Interested candidates should send a resume, including a minimum of 3 references and cover letter to [info@greenroundtable.org](mailto:info@greenroundtable.org) (word or PDF format only)

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## 20. Sam Arons' great list of organizations in energy/climate/environment: Jobs/inernships

"Sam Arons" <[sarons@berkeley.edu](mailto:sarons@berkeley.edu)>

Over the course of my recent job/internship search, I compiled the list below of a lot of organizations that have, or probably will have, energy- / envi- / climate-type jobs or internships. It seemed like it could be helpful for others, so I thought I'd pass it along (please feel free to share!). It's in kind of a random order, but each entry has a link to either the organization's main site, or to their jobs page (more of the former than the latter).

- Institute for Environment and Sustainability <<http://ies.jrc.cec.eu.int/>> (IES), Ispra, Italy)
- Google <<http://www.google.com/support/jobs/bin/static.py?page=about.html>> : google.com <<http://google.com/>> Green Business and Operations Strategy team, google.com <<http://google.com/>> platforms/data centers/renewable energy team, google.org <<http://google.org/>> climate change team
- Spring Ventures -- PHEV startup (Sunil Paul), recruiter: Debi Gerstel <[dgerstel@artemisassociates.com](mailto:dgerstel@artemisassociates.com)>
- The Rocky Mountain Institute <<http://www.rmi.org/>> (RMI)
- BP -- Alternative Energy <<http://www.bp.com/modularhome.do?categoryId=7010&contentId=7026283>>
- SANDAG <<http://www.sandag.org/>> / CCSE <<http://www.sdenergy.org/index.asp>> -- San Diego Association of Governments/Climate Center for Sustainable Energy. Andrew MacAllister, who works there, is a current ERG PhD student.
- Factor Global <<http://www.factorglobal.com/>> , Zurich, Switzerland -- int'l carbon offset company that has internships
- Black & Veatch <<http://www.bv.com/>> -- Renewable Energy Consultant positions, Walnut Creek, CA -- contact: Bret Harper (ERG) <[HarperB@bv.com](mailto:HarperB@bv.com)>
- IDEACarbon <<http://www.ideacarbon.com/>> , Research Analyst and/or Project Specialist positions, London, UK
- ICCT <<http://www.theicct.org/>> (Int'l Council on Clean Transportation), San Francisco, CA
- UNFCCC <<http://unfccc.int/secretariat/employment/vacancies/items/1216.php>> (United Nations Framework Convention on Climate Change), Bonn, Germany
- Aspen Environmental Group <<http://www.aspeneg.com/>> , Energy Analyst positions, and others
- NRDC <<http://nrdc.org/>> (Natural Resources Defense Council) -- lots of cool jobs . <[hr@nrdc.org](mailto:hr@nrdc.org)> <[mailto:HR\\_DC@nrdc.org](mailto:HR_DC@nrdc.org)>
- Environmental Entrepreneurs <<http://www.e2.org/jsp/main.jsp>> (E2)
- ICLEI -- Local Governments for Sustainability <<http://www.iclei.org/index.php?id=403>> , Oakland, CA (and other locations)
- KEMA <<http://www.kema.com/>> -- Energy Analyst position, and others, Oakland, CA (and other locations). <[recruitus@kema.com](mailto:recruitus@kema.com)>
- The Nature Conservancy <<http://www.nature.org/>> -- Policy Associate: Climate Change and other positions, Arlington, VA. <[wojobs2@tnc.org](mailto:wojobs2@tnc.org)>
- Navigant Consulting <<http://www.navigantconsulting.com/>> -- Burlington, MA & SF offices -- Renewable Energy group. Shannon Graham, ERG '01, Haas MBA ('03?) <[SGraham@navigantconsulting.com](mailto:SGraham@navigantconsulting.com)> , in the Energy Practice in San Francisco.
- Energetics Incorporated <<http://energetics.com/>> -- Washington, DC. Environmental/Energy Analyst position, and others. Beth Zotter (ERG '04) <[bzotter@energetics.com](mailto:bzotter@energetics.com)>
- EnerNOC, Inc. <<http://www.enernoc.com/careers.html>> -- Energy Management & Internship positions available with the in the Bay Area.

- Sustainable Endowments Institute <<http://www.endowmentinstitute.org/index.html>> (SEI) -- Boston, MA. Periodic internships available. Contact Mark Orlowski, Executive Director <[Mark@endowmentinstitute.org](mailto:Mark@endowmentinstitute.org)>.
- World Resources Institute <<http://www.wri.org/>> (WRI) -- Washington, DC.
- Union of Concerned Scientists <<http://www.ucsusa.org/>> (UCS) -- Energy Analyst positions, and others. Cliff Chen, ERG '06 <[cchen@ucsusa.org](mailto:cchen@ucsusa.org)> works in Berkeley, CA office (also a Washington, DC office).
- Energy and Environmental Economics, Inc. <<http://www.ethree.com/careers.html>> (E3) -- San Francisco. <[recruiting@ethree.com](mailto:recruiting@ethree.com)>
- Pioneer Carbon <<http://www.pioneercarbon.com/>> -- Oxford, UK and international locations. GHG emission reduction projects.
- TerraPass <<http://terrapass.com/>> -- San Francisco. Retail carbon offsets.
- Ecofys <<http://www.ecofys.com/>> -- London. Renewable energy research and consulting.
- Econcern <[http://www.econcern.com/index.php?option=com\\_content&task=view&id=126&Itemid=87](http://www.econcern.com/index.php?option=com_content&task=view&id=126&Itemid=87)> & daughter companies Ecostream, Evelop, Ecoventures (and Ecofys)
- Global Business Network <<http://www.gbn.com/>> (GBN) -- San Francisco. Seem to work on climate change consulting, in part. <[work@gbn.com](mailto:work@gbn.com)>
- ERG jobs site <[http://erg.berkeley.edu/jobs/job\\_opportunities.shtml](http://erg.berkeley.edu/jobs/job_opportunities.shtml)>
- EIA <[http://erg.berkeley.edu/jobs/job\\_opportunities.shtml](http://erg.berkeley.edu/jobs/job_opportunities.shtml)> -- US Energy Information Administration, Washington, DC (?)
- OECD <<http://www.oecd.org/>> -- Organization for Economic Cooperation and Development, Paris, France
- Environmental Defense <<http://www.environmentaldefense.org/page.cfm?tagID=371>> (ED) -- Oakland, Boston, LA, other places
- CPUC <<http://www.cpuc.ca.gov/>> (California Public Utilities Commission) -- San Francisco, CA. Contact: Sara Kamins ERG '06 <[smk@cpuc.ca.gov](mailto:smk@cpuc.ca.gov)>
- CARB <<http://www.arb.ca.gov/>> (California Air Resources Board) -- ( jobs site <<http://www.arb.ca.gov/as/personnel/jobs/jobs.htm>> ). Sacramento, CA and maybe other locations (?).
- Energy Solutions <<http://www.energy-solution.com/>> -- Oakland, CA. Contact Ryan Ramos, ERG '05 <[rros@berkeley.edu](mailto:rros@berkeley.edu)>
- Itron <<http://www.itron.com/pages/careers.asp>> -- Oakland and other locations. Contact: Amy Buege <[Amy.Buege@itron.com](mailto:Amy.Buege@itron.com)>, friend of Anita Milman & Mike Ting, both ERGies
- Clinton Foundation <<http://www.clintonfoundation.org/job-openings.htm>> -- Climate Initiative -- New York and many international locations.
- Responsible Endowments Coalition <<http://www.endowmentethics.org/>> -- LA
- Other Foundations, like Clinton Foundation
- Other tech companies, like Google
- Other energy companies, like BP
- Consulting companies (McKinsey, Global Business Network, Monitor, etc) that might do energy/climate

work

- ICF Consulting <<http://www.icfconsulting.com/>> -- offices all over the world
- Ross Consulting <<http://www.ross-assoc.com/>> , Seattle
- MJ Bradley & Associates <<http://www.mjbradley.com/>> (Boston, DC)
- Resources for the Future <<http://www.rff.org/>> (RFF) -- Washington, DC
- UNEP <<http://www.unep.org/>> (United Nations Environment Programme)
- UNDP <<http://www.undp.org/>> (United Nations Development Programme)
- UNEPFI <<http://www.unepfi.org/>> (United Nations Environment Programme, Finance Initiative), Geneva, Switzerland -- have periodic unpaid internships <<http://www.unepfi.org/about/employment/internships/index.html>> in Geneva, min 3 months
- UNjobs.org <<http://www.unjobs.org/>>
- European Environment Agency <<http://www.eea.europa.eu/>>
- European Commission -- Environment <[http://ec.europa.eu/environment/index\\_en.htm](http://ec.europa.eu/environment/index_en.htm)>
- European Environmental Bureau <<http://www.eeb.org/>>
- Environment House <<http://www.environmenthouse.ch/>> , Geneva
- European Climate Exchange <<http://www.europeanclimateexchange.com/>>
- Chicago Climate Exchange <<http://www.chicagoclimatex.com/>>
- International Finance Corporation <<http://www.ifc.org/careers/>> (IFC; of the World Bank)
- World Bank <<http://www.worldbank.org/careers>>
- IMF <<http://www.imf.org/external/np/adm/rec/recruit.htm>> (International Monetary Fund)
- Ecos Consulting <<http://www.ecosconsulting.com/>>
- GreEngineeringJobs.com <<http://www.GreEngineeringJobs.com>>
- Innovest -- carbon finance <[http://www.innovestgroup.com/index.php?option=com\\_content&task=view&id=21&Itemid=36](http://www.innovestgroup.com/index.php?option=com_content&task=view&id=21&Itemid=36)>
- Commission for Environmental Cooperation <<http://cec.org/>> (CEC), Montreal
- MAP (Mineral Acquisition Partners, Inc.) Summer Sustainable Energy Fellowships <[http://maproyalty.com/summer\\_fellowships.html](http://maproyalty.com/summer_fellowships.html)> working with various NGOs (RMI, NRDC, UCS, Worldwatch, etc.)
- Eenergy International <<http://www.eenergy.com/>> , Boulder, CO
- ACEEE <<http://www.aceee.org/>> (American Council for an Energy Efficient Economy), Washington, DC
- E Source <<http://www.esource.com/>> - Energy Business Intelligence - spin-off from RMI: "the world's leading subscription service for information on energy-efficient technologies." Jobs <[http://www.esource.com/public/job\\_opportunities.asp](http://www.esource.com/public/job_opportunities.asp)> .

- MMA Renewable Ventures <<http://www.mmarenewableventures.com/>>
  - Newsletters/listservs: sustainablebusiness.com <<http://sustainablebusiness.com/>> ; Green Wombat <<http://blogs.business2.com/greenwombat/>>
  - Redefining Progress <<http://www.rprogress.org/>> (RP) -- Oakland, CA might have some positions open currently
  - National labs: NREL <<http://www.nrel.gov/>> , PNNL <<http://www.pnl.gov/>> , LANL <<http://www.hr.lanl.gov/FindJob/>> , LLNL <[https://jobs.llnl.gov/prod\\_index.html](https://jobs.llnl.gov/prod_index.html)> , LBNL <<http://www.lbl.gov/>> , etc
  - Evolution Markets <<http://www.evolutionmarkets.com/>>
  - Saudi Aramco <<http://www.jobsataramco.com/>>
- Sam Arons  
Energy & Resources Group  
<http://erg.berkeley.edu> <<http://erg.berkeley.edu/>>  
[sarons@berkeley.edu](mailto:sarons@berkeley.edu)