



A Regional Conference
of the
Local Clean Energy Alliance

Clean Power, Healthy Communities

Energy Solutions for Community Resilience

October 17, 2013

California Endowment Center
1111 Broadway, 7th Floor, Oakland, CA

Let's Build a Powerful Local Clean Energy Movement!

Every day brings new urgency to the need to transition from fossil fuels to renewable energy. Every day also brings new challenges to achieving that goal.

In the Bay Area, as in metropolitan areas throughout the country, jobs and the economy continue to be at the forefront of public consciousness. We know that a robust clean energy economy is vital to meeting the economic development, employment, and health needs of Bay Area communities.

Since our Clean Power, Healthy Communities Conference last year, however, there has been a push by powerful fossil-fuel interests to open up fracking in California and to use the Bay Area as a refining and shipping center for the dirtiest fossil fuels. At the same time, PG&E and the other California investor-owned utilities have mounted an assault on net-metering programs and other alternatives to their centralized electricity model.

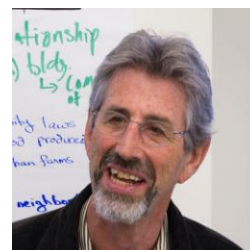
In addition, Bay Area communities seeking equitable, sustainable energy solutions are confronted by financial barriers and institutional resistance at many levels.

At the heart of the matter is energy democracy; who controls energy development and for whose benefit is increasingly central to addressing the economic and climate crises of our communities. We need sustainable and equitable energy solutions that make our communities stronger and more resilient. Local communities and grassroots organizations have a decisive role to play in making that transition.

Our Clean Power, Healthy Communities conference is meant to strengthen the movement to protect our climate, promote local renewable energy, create clean energy jobs, and empower our communities. We explore solutions to the political and financial challenges of developing community-based renewable energy resources and building sustainable, equitable, resilient communities.

Thank you for being part of this effort.

Al Weinrub,
Coordinator, Local Clean Energy Alliance



Many Thanks to Our Conference Sponsors!

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Local Jobs Booster: \$250



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About the Local Clean Energy Alliance

The Local Clean Energy Alliance is the Bay Area's largest clean energy coalition, with 90 affiliated member organizations, including environmental, business, social justice, and community groups, working for a clean energy future in the Bay Area. The Alliance sees the development of local renewable energy resources as key to enabling sustainable business, advancing social equity, and strengthening community resilience.

The Alliance promotes the development of local decentralized energy systems, which combine energy demand reduction and local renewable generation. We believe that it is through integrating these energy resources that communities can achieve their full greenhouse gas reduction and climate adaptation potential while enhancing local economies, providing clean energy jobs, and improving community health.

Steering Committee Members:



Al
Weinrub



Andreas
Karelas



Barbara
Stebbins



Jim
Lutz



June
Brashares



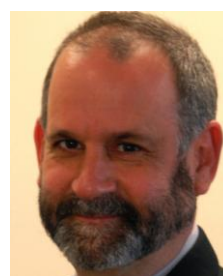
Kirsten
Schwind



Larry
Chang



Rosana
Francescato



Woody
Hastings



Zeenat
Mackwani

Voting Organizational Members:

- Project ME4
- Cool Earth Solar
- Bay Area Community Land Trust
- Green Retirement Plans Inc.
- Bay Localize
- Asian Pacific Environmental Network
- Clean Coalition
- Cal Inflector/Sun Energy
- Sightworks
- Pacific Environment
- Sierra Club Bay Chapter
- Energy Preparedness

The Local Clean Energy Alliance would also like to thank:

- Colin Miller, Conference Coordinator
- Bay Localize Staff and Interns
- Conference Volunteers
- San Francisco Foundation

The Local Clean Energy Alliance

Policy Priorities

Energy Efficiency and Demand Reduction

Each year, Bay Area consumers pay millions of dollars in surcharges to PG&E to run energy efficiency programs, which regularly fail to meet performance goals. Meanwhile, cities and counties lack funding to implement innovative approaches to energy efficiency and clean energy job creation. We believe that energy efficiency should be taken out of the hands of the utilities, and, in addition, that new programs be developed that meet the needs of low income communities to conserve energy and lower utility bills. We advocate for policies that promote energy efficiency upgrade programs, broad-based and affordable financing mechanisms, and pathways for local residents into clean energy jobs.

Local Renewable Power

California needs to ramp up decentralized renewable energy generation. We can harness this opportunity to create jobs in the Bay Area by installing local renewable power in or near cities where the demand is concentrated. The alternatives aren't pretty: continuing economic decline in urban communities, endless controversies over destruction of desert ecosystems and siting of transmission lines, and even more fossil fuel power plants. We're advocating for the California Public Utilities Commission to favor local decentralized power for California's energy future. We advocate for policies, such as in feed-in tariffs, that promote community-scale energy generation, and for programs that provide energy financing and ownership for low-income communities. To learn more, check out our report *Community Power: Decentralized Renewable Energy in California*.

Community Choice Energy

Community Choice energy programs, provided for by AB 117 (2002), give communities the power to procure electricity for electricity customers, while the existing investor-owned electric utility delivers and services the electricity. Community Choice energy is a powerful vehicle for the development of local, democratically controlled, renewable energy resources that meet community needs.

While each Community Choice initiative is local in nature, broad regional coordination and support can be decisive to the success of each effort. We're working to build a Bay Area wide political base for defending and expanding local Community Choice initiatives that emphasize the development of local renewable energy resources. A key goal is to win Community Choice programs in San Francisco and the East Bay that will build new local renewable resources (both demand reduction and new generation), provide economic development, and create clean energy jobs for these communities.

Keynote Address

Tom Steyer

California Policy
Mover and Shaker



Since retiring from Farallon Capital Management, Tom Steyer has worked to promote economic development and environmental protection in California:

- In 2010, Steyer headed the effort to defeat California's Proposition 23, an attempt to dismantle California's groundbreaking Global Warming Solutions Act, AB 32.
- In 2012, Steyer was the architect and chairman of the Yes on Proposition 39 campaign, which closed a \$1.1 billion annual corporate tax loophole to fund energy-efficiency in California schools.
- Steyer and his wife Kat Taylor have founded programs to conduct renewable energy research, advance clean energy policy, address climate and family policy, and take political action on climate issues.

Conference Program & Agenda

8:00 – 9:00 **Registration & Light Breakfast**

9:00 – 9:15 **Opening Introductory Remarks**

- **Al Weinrub**, Coordinator, Local Clean Energy Alliance

9:15 – 10:10 **Plenary: What's at Stake and What's Possible for Bay Area Communities**

Why local, decentralized energy systems are key to greenhouse gas reductions, economic vitality, jobs, resilience, and healthy communities.

Moderator: Kirsten Schwind, Program Director, Bay Localize

- **Gopal Dayaneni**, Movement Generation Justice and Ecology Project
- **Mia Yoshitani**, Associate Director, Asian Pacific Environmental Network
- **David de la Torre**, Secretary/Treasurer, Laborers' Int'l Union of North America, Local 261
- **Annie Loya**, Executive Director, Youth United for Community Action

10:20 – 11:15 **Bay Area Energy Initiatives**

Breakout sessions on initiatives in the Bay Area that confront fossil fuels and that point the way forward for local clean energy.

Breakout Session 1: Movements Opposing Fossil Fuels

Moderator: Mari Rose Taruc, Filipino American Coalition for Environmental Solidarity and State Organizing Director, Asian Pacific Environmental Network

- **Zen Trenholm**, Development Chair, California Student Sustainability Coalition
- **Rose Braz**, Climate Campaign Director, Center for Biological Diversity
- **Andrés Soto**, Richmond Community Organizer, Communities for a Better Environment

Breakout Session 2: Community Solar

Moderator: Linda Barrera, Community Renewable Energy Program Director, Sustainable Economies Law Center

- **Andreas Karelis**, Executive Director, RE-volv
- **Shiva Patel**, Co-founder, Energy Solidarity Cooperative
- **Lela Turner**, Graduate, Solar Richmond; Worker-Owner, Pamoja Energy Solutions Cooperative

Breakout Session 3: Energy Efficiency

Moderator: Chris Cone, Membership and Policy Manager, Efficiency First California

- **Cal Broomhead**, Energy Programs Manager, San Francisco Department of the Environment
- **Tara Marchant**, Director, Emerald Cities Collaborative, Oakland
- **Miya Kitahara**, Multifamily Outreach, StopWaste.org

Breakout Session 4: Community Choice Energy Programs

Moderator: Larry Chang, Steering Committee, Local Clean Energy Alliance

- **Woody Hastings**, Renewable Energy Implementation Manager, Climate Protection Campaign
- **Kim Malcolm**, Director, CleanPowerSF
- **Bill Powers**, San Diego Energy District Foundation
- **Barbara Stebbins**, Steering Committee, Clean Energy & Jobs Oakland Campaign

- 11:30 – 12:00 Keynote Address: Tom Steyer on the Political Challenge and How to Address It**
Climate policy mover and shaker Tom Steyer discusses lessons learned on the front lines of state-wide and national energy advocacy and their application to building the local clean energy movement.
- 12:00 – 1:00 A Poem by Rafael Jesús González, followed by Lunch and Networking**
- 1:00 – 2:00 Plenary: Organizing to Democratize Energy**
Representatives of game-changing energy campaigns/initiatives explore political strategy and organizing models.
- Moderator: Nile Malloy**, Northern California Program Director, *Communities for a Better Environment*
- **Allen Hernandez**, Organizer, *Sierra Club My Generation Campaign*
 - **Susannah Churchill**, California Policy Advocate, *Vote Solar*
 - **Woody Hastings**, Renewable Energy Implementation Manager, *Climate Protection Campaign*
 - **Michelle Mascarenhas-Swan**, *Climate Justice Alliance*, *Our Power Campaign*
- 2:10 – 3:00 Building Our Political Constituency**
Workshops on building political clout by sector
- Workshop Session 1: Community**
- **Rosa Gonzalez**, Director of Programs, *Alliance for Climate Education*
- Workshop Session 2: Government**
- **Jess Dervin-Ackerman**, Conservation Organizer, *Sierra Club San Francisco Bay Chapter*
 - **Shawn Marshall**, Executive Director, *LEAN Energy US*
- Workshop Session 3: Business**
- **Danny Kennedy**, President, *Sungevity*
 - **Barry Vesser**, Deputy Director, *Climate Protection Campaign*
- Workshop Session 4: Labor**
- **Brooke Anderson**, Labor Fellow, *Movement Generation Justice and Ecology Project*
 - **Jack Buckhorn**, Business Manager, *Intl. Brotherhood of Electrical Workers, Local 551*
- 3:10 – 4:10 Finding Solutions to the Financing Challenge**
Bay Area financial analysts and advocates explore approaches to overcoming obstacles to financing the development of local renewable energy resources.
- Moderator: Al Weinrub**, Coordinator, *Local Clean Energy Alliance*
- **Angelica Banks**, Chief Operating Officer, *Cutting Edge Capital*
 - **Darwin Bond-Graham**, economic analyst and journalist
 - **Strela Cervas**, Co-Coordinator, *California Environmental Justice Alliance*
 - **Rachel Neil**, Energy Policy Fellow, *Environmental Defense Fund*
- 4:15 – 4:30 Conference Wrap Up**
- 5:00 – 7:00 Post-Conference Social Hour**

Conference Speakers



Allen Hernandez,
Sierra Club



Andrés Soto,
Communities for a
Better Environment



Angelica Banks,
Cutting Edge
Capital



Annie Loya, Youth
United for
Community Action



Barry Vesser, Deputy
Director, Climate
Protection Campaign



Bill Powers, San Diego
Energy District
Foundation



Brooke Anderson,
Movement
Generation



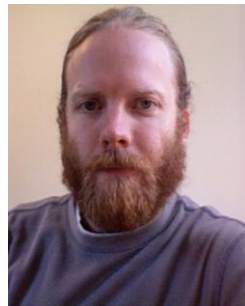
Cal Broomhead,
SF Dept of the
Environment



Chris Cone,
Efficiency First
California



Danny Kennedy,
Sungevity



Darwin Bond Graham,
Journalist



David de la
Torre, Laborer's
Union Local 261



Gopal Dayaneni,
Movement
Generation



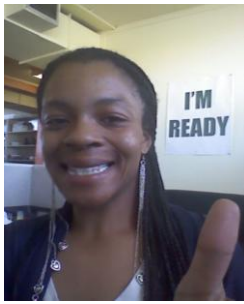
Jack Buckhorn,
IBEW, Local 551



Jess Dervin-Ackerman,
Sierra Club SF Bay
Chapter



Kim Malcolm,
CleanPowerSF



Lela Turner, Solar
Richmond &
Pamaja Energy
Solutions
Cooperative



Linda Barrera,
Sustainable
Economies Law
Center



Mari Rose Taruc,
Filipino/American
Coalition For
Environmental
Solidarity



Michelle
Mascarenhas-
Swan,
Movement
Generation



Miya Kitahara,
StopWaste.org



Miya Yoshitani,
Asian Pacific
Environmental
Network



Nile Malloy,
Communities for
a Better
Environment



Rachel Neil,
Environmental
Defense Fund



Rosa Gonzalez,
Alliance for
Climate Education



Rose Braz,
Center for
Biological
Diversity



Shawn Marshall,
LEAN Energy



Shiva Patel,
Energy Solidarity
Cooperative



Strela Cervas,
California
Environmental
Justice Alliance



Susannah
Churchill, Vote
Solar



Tara Marchant,
Emerald Cities
Oakland



Zen Trenholm,
California Student
Sustainability
Coalition

Bay Area Energy Initiatives

Breakout Session 1: Movements Opposing Fossil Fuels

California Student Sustainability Coalition (CSSC) - The mission of the California Student Sustainability Coalition (CSSC) is to unite and empower the California community of higher education to collaboratively and nonviolently transform ourselves and our institutions based on our inherent social, economic, and ecological responsibilities. Our recent successes have included the defeat of Proposition 23 in 2010 and the protection of AB 32, California's greenhouse gas emissions reduction policy; the passing of resolutions by nine student governments and one faculty senate in favor of divesting the University of California's and California State University's endowments from fossil fuel holdings; and the institutionalizing of green fees and green revolving funds on several campuses to generate millions of dollars in support of sustainability projects. In concert with our Fossil Free campaign, CSSC is launching a new campaign this fall to mobilize students in support of a ban on hydraulic fracturing and will be sending 300 students to Power Shift 2013 in Pittsburgh, PA this October 18th.

Center for Biological Diversity - The Center's Climate Law Institute works to set legal precedents and enforce existing environmental laws, such as the Clean Air Act, to reduce greenhouse gas pollution. The Center has played a key role in the movement to ban fracking in California. A legal victory by the Center and the Sierra Club has resulted in a defacto statewide moratorium on new oil and gas leasing and fracking on California public lands. The Center also has litigation pending to enforce existing environmental laws such as the California Environmental Quality Act in regard to fracking. And the Center has worked to expose the existence of offshore fracking and, with allies highlighted the emission of air toxics from fracking in Southern California. The Center is a founding member of Californians Against Fracking, the statewide coalition of more than 100 organizations united to ban fracking in California. The coalition is mobilizing pressure on Governor Brown to halt fracking, and working with local communities to stop fracking locally.

Communities for a Better Environment (CBE) - Communities for a Better Environment (CBE) builds power with low-income residents and people of color living in California in order to achieve environmental justice and healthy, resilient communities. CBE combines community organizing, research-based advocacy, and legal intervention into a single approach. Our statewide strategies and campaigns address the root causes of climate change and toxic pollution that harm our families, while working to build clean energy and community-based solutions. We are working statewide through labor, business and community partnerships to reduce our reliance on extreme energy like refineries and power plants and to invest in a local, green, community-based economy. Our campaigns have produced changes in practices at more than 200 facilities and have reduced millions of tons of toxic and climate emissions from power plants, refineries and ports. Our successful campaign against Chevron in Richmond prevented nearly a million tons of local toxic and greenhouse gas emissions a year, which is equal to taking 183,000 cars off the road!

Breakout Session 2: Community Solar

RE-volv - RE-volv empowers people and communities to invest collectively in renewable energy. The idea behind RE-volv is simple. Let's all get together, chip in a few bucks, and create a society powered by renewable energy. RE-volv, a nonprofit organization, finances local community-based solar projects through the Solar Seed Fund—a revolving fund for solar projects that raises money through crowd funding. RE-volv offers people a simple way to fight climate change while creating community. RE-volv uses donation-based crowd funding to finance solar energy projects through a revolving fund. This fund, called the Solar Seed Fund, invests in solar projects for nonprofits and cooperatives serving local communities. Through RE-volv's solar lease agreement, lessees pay back the initial investment plus interest. The Solar Seed Fund continually reinvests the solar lease payments into additional solar projects. The proceeds of each solar lease grow the Solar Seed Fund as well as support RE-volv as an organization.

Energy Solidarity Cooperative (ESC) The Energy Solidarity Cooperative (ESC) is committed to building a movement of energy resilience and economic justice. We envision a world where community energy planning and community-led renewable energy are a part of everyday life in neighborhoods. The Energy Solidarity Cooperative initiates and cultivates community-owned, cooperatively managed renewable energy. We are a multi-stakeholder cooperative comprised of workers, consumers and community investors. These stakeholders combine energy consulting services, member equity, and crowd-sourced financing, respectively. Our current projects involve developing on-site solar electric systems and knowledge-sharing activities with community groups (i.e. neighborhood non-profits, schools, places of worship, collectives) in traditionally underserved and marginalized communities.

Pamoja Energy Solutions Cooperative - Pamoja Energy Solutions is a socially responsible solar cooperative that offers superior solar system installation and maintenance services while creating worker-ownership opportunities. Established in 2013 by Solar Richmond, a nonprofit organization that offers training and work opportunities to low-income and underemployed workers, Pamoja is a social purpose business that has a community development mission. By going solar with Pamoja Energy Solutions and its financing partners, you save money on energy bills and reduce your carbon footprint, while providing a worker ownership opportunity for Solar Richmond's well-trained program graduates.

Breakout Session 3: Energy Efficiency

Efficiency First California - Efficiency First California is the voice of the California home performance industry advocating for a sustainable, scalable market that competes on efficiency and innovation, and helps homeowners use less energy and enjoy more comfort. We are committed to achieving California's goal of a 40 percent reduction in existing residential energy use by 2020 by growing the home performance industry, creating jobs, and revitalizing local economies. As a nonprofit trade association, Efficiency First California ensures home performance contractors are involved in policy and regulatory discussions; safeguards the integrity of the home performance industry by advocating for industry best practices and consumer safety protections; facilitates constructive collaboration with market partners to optimize shared knowledge, effective communication, and informed decisions; provides world-class industry training and education.

San Francisco Department of the Environment - The City and County of San Francisco's Public Utilities Commission manages energy efficiency in municipal facilities (900 facilities) using its own funds, sometimes with on-bill repayment. The City Department of Environment provides programs to private sector buildings, both commercial (25,000 buildings) and residential (170,000 buildings). The goal is to reduce energy use in these buildings through efficiency and conservation, and install renewable resources to achieve as close to zero net energy as possible and contribute towards achieving the City's Climate goals by reducing 330,000 metric tons over a three year period. The department markets and tracks solar projects, as well as identifies strategic activities to promote private development of renewables, including district energy systems, microgrids, energy storage, and wind and wave energy. For energy efficiency, the Department operates informational, technical assistance and incentive programs for single family, multifamily, small business, and commercial buildings as well as enforces the Existing Commercial Buildings Benchmarking and Disclosure Ordinance.

StopWaste.org - The Bay Area Multifamily Building Enhancements program offers multifamily property owners rebates and free consulting to install energy saving improvements. Property owners must install multiple measures that are modeled to save 10% of the whole building's energy usage to receive the rebate. The rebate is based on the number of units in the building, at \$750 per unit. The approved improvement scope is designed by the property-owner and the free energy consulting provider. The program is open to all properties with 5 or more attached dwelling units in the 9-county Bay Area.

Emerald Cities Collaborative – Oakland - Emerald Cities Collaborative (ECC) is a national non-profit network of organizations working together to advance a sustainable environment while creating greater economic opportunities for all. We're transforming the energy efficiency sector in a high road way, by retrofitting building stock, creating high wage jobs, and revitalizing the local economies of our metropolitan regions. Our Vision is to green our cities through deep retrofits toward energy efficiency and a more prosperous environment; build our communities by supporting the growth of a well-paid, well-trained, green workforce and sustained local economies; strengthen our democracy through coalitions that support our metropolitan regions in ways that are accountable and equitable. Our partners are committed to bringing economic development to our Emerald Cities via large-scale financing, high-wage jobs, business opportunities, revenue, and savings. We engage historically excluded and hard-to-reach populations in the new green economy, including low-income workers, immigrants, and communities of color.

Breakout Session 4: Community Choice Energy Programs

Climate Protection Campaign / Sonoma Clean Power - The Climate Protection Campaign introduced the idea of a Community Choice program in Sonoma County in 2005 and has worked with local governmental, business, and community stakeholders to advance it ever since. As of July 2013, Sonoma Clean Power (SCP) is the new locally controlled electricity provider in Sonoma County. Beginning in May 2014 SCP will offer residential and business electricity customers across the County the option of using cleaner power, generated by renewable sources like solar, wind and geothermal at competitive rates. SCP is a not-for-profit governmental agency, independently run by the Sonoma County cities that have joined the program, including Sonoma, Santa Rosa, Cotati, Windsor and Sebastopol, and the County, which represents unincorporated communities. SCP will reinvest its money in Sonoma County to develop local renewable power sources and energy efficiency programs that support local jobs.

San Francisco Public Utilities Commission: CleanPowerSF - The San Francisco Public Utilities Commission (SFPUC) is an agency of the City and County that provides energy, water and wastewater services to residents and businesses as well as customers in several California counties. It manages energy resources with 400 MW of greenhouse gas-free capacity, which provides power mainly to municipal customers within the City. CleanPowerSF is the City's community choice aggregator, which will when launched provide energy services to the City's residents and businesses. The City also provides incentives for solar installations by private businesses and residents and energy efficiency improvements to SFPUC customers.

San Diego Energy District Foundation - The San Diego Energy District Foundation is currently engaged in advancing Community Choice Aggregation (CCA) at the City of San Diego and County of San Diego. The City of San Diego authorized a CCA technical feasibility study in mid-2013. This study is now in its initial stages and should be completed by Spring, 2014. A major focus of this study will be CCA scenarios that incorporate maximum deployment of local and behind-the-meter solar and demand response resources. The County of San Diego has been a Direct Access (DA) customer for over a decade and has realized considerable savings as a DA customer. The County Board of Supervisors approved a budget for developing a renewable energy strategy on September 25, 2013 that includes evaluation of CCA as the vehicle for achieving accelerated levels of renewable energy.

Clean Energy & Jobs Oakland - The Clean Energy & Jobs Oakland Campaign is working to establish a community-development-focused Community Choice energy program for Oakland and the East Bay that focuses on the development of local renewable resources. We are building grassroots support for a program that will bring economic development as well as environmental benefits to residents. The Community Choice model we support would provide green jobs, competitive rates and stable electric bills, as well as clean, renewable energy, increased energy efficiency, reduced pollution and greater community resiliency. The Campaign is currently reaching out to Oakland community organizations and City Council members to support the development of an East Bay Community Choice energy program.

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*We are proud to support the 4th Annual Conference
of the Local Clean Energy Alliance*

*We applaud the Local Clean Energy Alliance and its membership for their
commitment to Clean Power and Healthy Communities*

**We Stand with
the Local Clean
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