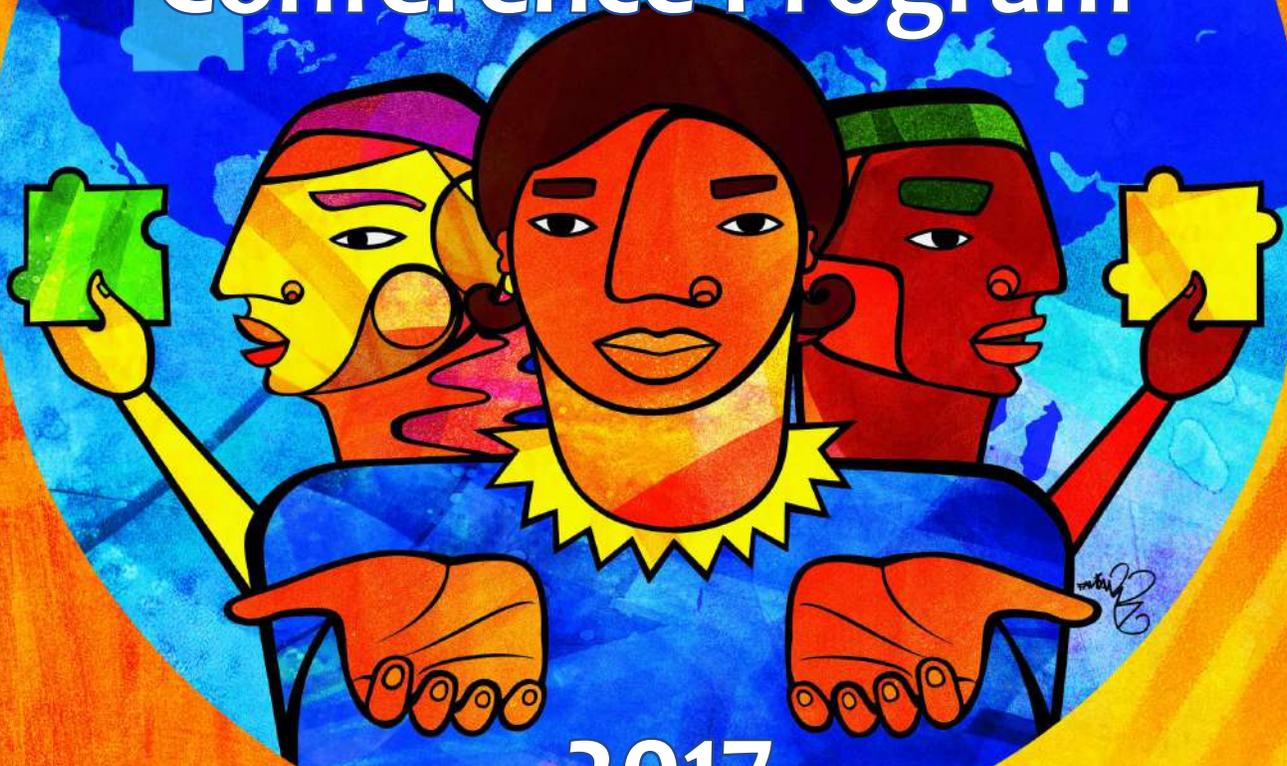




LOCAL  
CLEAN  
ENERGY  
ALLIANCE

Nov 17, 2017  
Oakland Asian Cultural Center  
388 9th Street, Oakland, CA

# Clean Power, Healthy Communities Conference Program



2017

Bringing Energy to the Movement for Justice

# Many Thanks to Our Conference Sponsors

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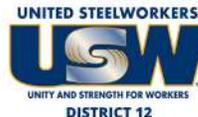


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# About the Local Clean Energy Alliance

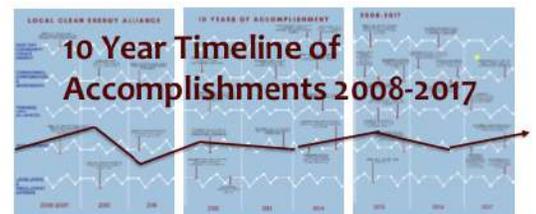
## Ground-Breaking High-Impact Advocacy

This year the Local Clean Energy Alliance (the Alliance) celebrates 10 years of achievement at the local, state, and national level in promoting community-based renewable energy to empower communities—especially low-income communities and communities of color, which are most negatively impacted by the fossil fuel economy.

We are the Bay Area’s foremost membership organization working to promote a clean energy future through the development and democratization of local renewable energy resources. We see these resources as key to addressing climate change, advancing social and racial justice, and building sustainable and resilient communities.

The Alliance advocates for the development of decentralized energy systems—integrating energy demand reduction, local renewable generation, and other distributed energy resources—as the best way to address climate change while enabling communities to transition to a clean energy economy, one that promotes local investment, creates family-sustaining clean energy jobs, advances social equity, and improves community health.

The Alliance’s work in educating, convening, organizing, and mobilizing communities has had a powerful impact, especially in California, driving the movement for local energy investments that benefit and empower our communities. Check out the 10-year timeline of Local Clean Energy Alliance accomplishments at this conference.



## Steering Committee



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# Welcome!

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## **Clean Power, Healthy Communities 2017**

### ***Bringing Energy to the Movement for Justice***

The national elections of a year ago not only underscored the urgent need to transform American political, economic, and social structures, but they also laid bare the close relationship of climate solutions to the issue of racial and economic justice.

It has become increasingly clear that climate solutions must be part and parcel of a broader transformation, that the transition to a renewable energy future must mean a new kind of energy economy with justice at its core.

More explicitly, the shift to renewable energy must be a shift from the development of large-scale corporate centralized energy to smaller-scale community-based decentralized energy, where renewable energy resources are used to address poverty, unemployment, inequality, personal and community health, displacement, and, of course, climate change.

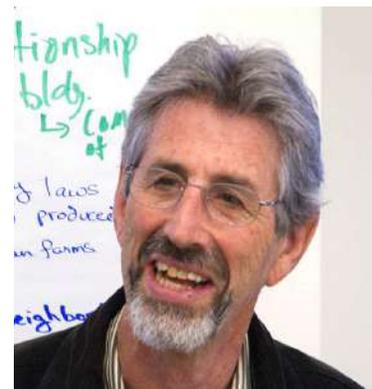
Accordingly, the theme of Clean Power, Health Communities 2017—Bringing Energy to the Movement for Justice—is about building a path forward to community control and ownership of renewable energy resources. We will explore how democratizing energy can empower and address the needs of our communities—especially low-income communities and communities of color—and strengthen the movement for environmental, economic, and social justice.

The Clean Power, Healthy Communities 2017 conference is meant to strengthen the movement for a new energy paradigm, in which communities and grassroots organizations are playing an increasingly decisive role. The conference is a venue for us to discuss how to overcome political and financial obstacles to advancing community control and ownership of energy resources—what we call energy democracy. It provides us an opportunity, as organizations and individuals committed to these efforts, to interact and share experiences.

Thank you for being part of this effort.



Al Weinrub  
Coordinator  
Local Clean Energy Alliance



**Let's Build a Powerful Movement for Energy Democracy!**

# Local Clean Energy Alliance Publications

## Just Released!

### ***Energy Democracy: Advancing Equity in Clean Energy Solutions***

Edited by Denise Fairchild and Al Weinrub

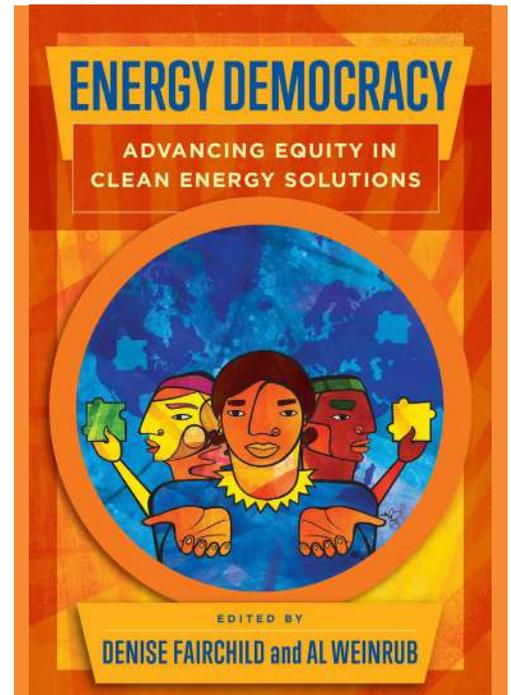
A reader that captures the historical and conceptual framework, as well as the underlying values and principles of the emerging energy democracy movement, as told by its leaders.

Assembles in one place the current and growing body of renewable energy strategies and practices for shifting the extractive, U.S. fossil fuel economy towards a decentralized renewable energy economy, one that is equitable, sustainable, resilient, and democratic.

“As we transition off fossil fuels, we have a once-in-a-century opportunity to build a fair and democratic economy that works for everyone. In this marvelous collection, you’ll hear directly from many of the inspiring leaders who have been theorizing, organizing, and laying the policy groundwork for that leap forward—and you might just be moved to join them.”

—Naomi Klein, Author of *No Is Not Enough* and *This Changes Everything*

Available from Island Press (<https://islandpress.org/book/energy-democracy>)  
20% Discount Code: 4ENDEM



## Check out these other acclaimed Local Clean Energy Alliance publications

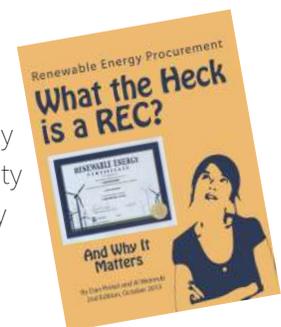
### ***Democratizing Our Energy Future***

Lays out a vision, political framework, strategies, and principles of democratized energy development as the basis for a platform to advance climate justice in the U.S.



### **What the Heck is a REC?**

The ins and outs of Renewable Energy Certificates (RECs), especially their significance for electricity procurement by Community Choice energy programs.



**Download for free at [www.localcleanenergy.org](http://www.localcleanenergy.org)**

# Local Clean Energy Alliance Initiatives

## East Bay Clean Power Alliance

The East Bay Clean Power Alliance advocates for Community Choice energy programs in the East Bay that serve to spur equitable economic development and family-sustaining clean energy jobs, reduce greenhouse gas emissions, stabilize or lower the cost of electricity, improve community health and social equity, and provide other community benefits.



We see engagement of the East Bay community, broadly and equitably, including in the governance structure, as central to achieving these goals.

## East Bay Shared Solar Collaborative

The East Bay Shared Solar Collaborative is promoting a community shared solar program for East Bay Community Energy, Alameda's Community Choice energy program. Community shared solar can enable East Bay communities—including low-income families and renters—to participate in developing and benefiting from solar energy through investment or participation in a nearby solar facility. Participation offers a wealth-building opportunity through ownership of solar energy resources.



Community shared solar can further community economic empowerment, advance social equity, and strengthen community resilience.

## California Alliance for Community Energy

The California Alliance for Community Energy is a statewide organization that brings together individuals and affiliated organizations committed to supporting and defending Community Choice energy programs in California that advance local clean energy for the environmental, economic, and social justice benefit of our communities.



We see Community Choice energy programs as an opportunity to democratize and transform our local energy systems—addressing climate change in a way that strengthens local economies and builds community resilience.

## Energy Democracy Project

The Energy Democracy Project brings together organizations and individuals across the country to popularize and advance energy democracy as a key strategic perspective within the climate and new economy movements.

Energy democracy seeks to replace our current corporate fossil-fuel economy with one that puts racial, social, and economic justice at the forefront of the transition to a 100% renewable energy future.



# Conference Schedule

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**9:00-9:30**    **Opening**

Honoring ancestors, welcome, and opening remarks

**9:30-10:30**    **Morning Plenary 1: The National Energy Democracy Movement**

The current political moment, the forces at play nationally, the significance of the energy democracy movement, and where it needs to go. The session concludes with an audience Q&A.

**Panelists**

- Strela Cervas, California Environmental Justice Alliance
- Anthony Giacatarino, Just Community Energy Transition Fellow
- Aiko Schaeffer, 100% Renewables Network

**Moderator:** Al Weinrub, Local Clean Energy Alliance

*10:30-10:45*    *15-Minute Break*

**10:45-11:45**    **Morning Plenary 2: Energy Democracy and Local Movements**

What *Bringing Energy to the Movement for Justice* means at the level of local organizing—the kinds of local institutions and initiatives that democratize energy, empower communities, build resilience, and address the critical day-to-day issues that we face. The session concludes with an audience Q&A.

**Panelists**

- Vivian Huang, Asian Pacific Environmental Network
- Carla M. Pérez Movement Generation Justice and Ecology Project
- Ashura Lewis, One Voice
- Jessica Tovar, Local Clean Energy Alliance

**Moderator:** Tara Marchant, Emerald Cities Collaborative

**11:45-1:00**    **Lunch and Networking**

**1:00-1:15**    **Introduction to Breakout Sessions**

Brief introductions to the breakout session topics and some of the issues involved. The following topics will be covered in both breakout sessions—see following page for more detail.

1. Housing, displacement and other community crises
2. Stronger unions and workforce development
3. Local economic development
4. Community Choice energy programs
5. Cooperatives, shared solar, and neighborhood microgrids

**1:15-2:30**    **Breakout Session 1**

*2:30-3:00*    *30-Minute Break*

**3:00-4:15**    **Breakout Session 2 (Repeat of Session 1)**

*4:15-4:30*    *15-Minute Break*

**4:30-5:15**    **Report Back from Breakout Sessions**

**5:15-5:20**    **Closing**

**6:00pm**    **Start of Happy Hour and Socializing at Tay Ho Oakland, 344 12th St., Ste. B, Oakland, CA**

# Breakout Session Descriptions

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The five afternoon Breakout Sessions will be facilitated brainstorms that focus on the community benefits that can come from local ownership and control of clean energy resources.

There are three topics examining how those benefits can be directed toward developing more resilient, sustainable communities, and two that focus on different strategies for increasing local control and ownership of clean energy resources.

## **How can local ownership and control of clean energy resources address pressing social justice issues in our communities?**

### **1. Housing, displacement and other community crises:**

How can clean energy projects be utilized to address soaring rents, reduce evictions and displacement and create cleaner, healthier environments, especially for communities most impacted by fossil fuels? How can the jobs, the revenue, and savings from such projects stabilize our communities? What are ways that communities can use local control of energy resources to address social justice issues in low income communities and communities of color?

### **2. Stronger unions and workforce development:**

How can development of local clean energy projects generate good paying union jobs? How can effective workforce development programs be implemented in local renewable resource development? How can local development spur an increase in project labor and community benefit agreements?

### **3. Local economic development:**

How do local clean energy projects spur local economic development? What measures need to be taken to maximize that impact for local businesses, especially small and emerging businesses, and community residents? What are alternative ways of financing local clean energy projects that keep wealth in our community, other than Wall Street and big corporate banks?

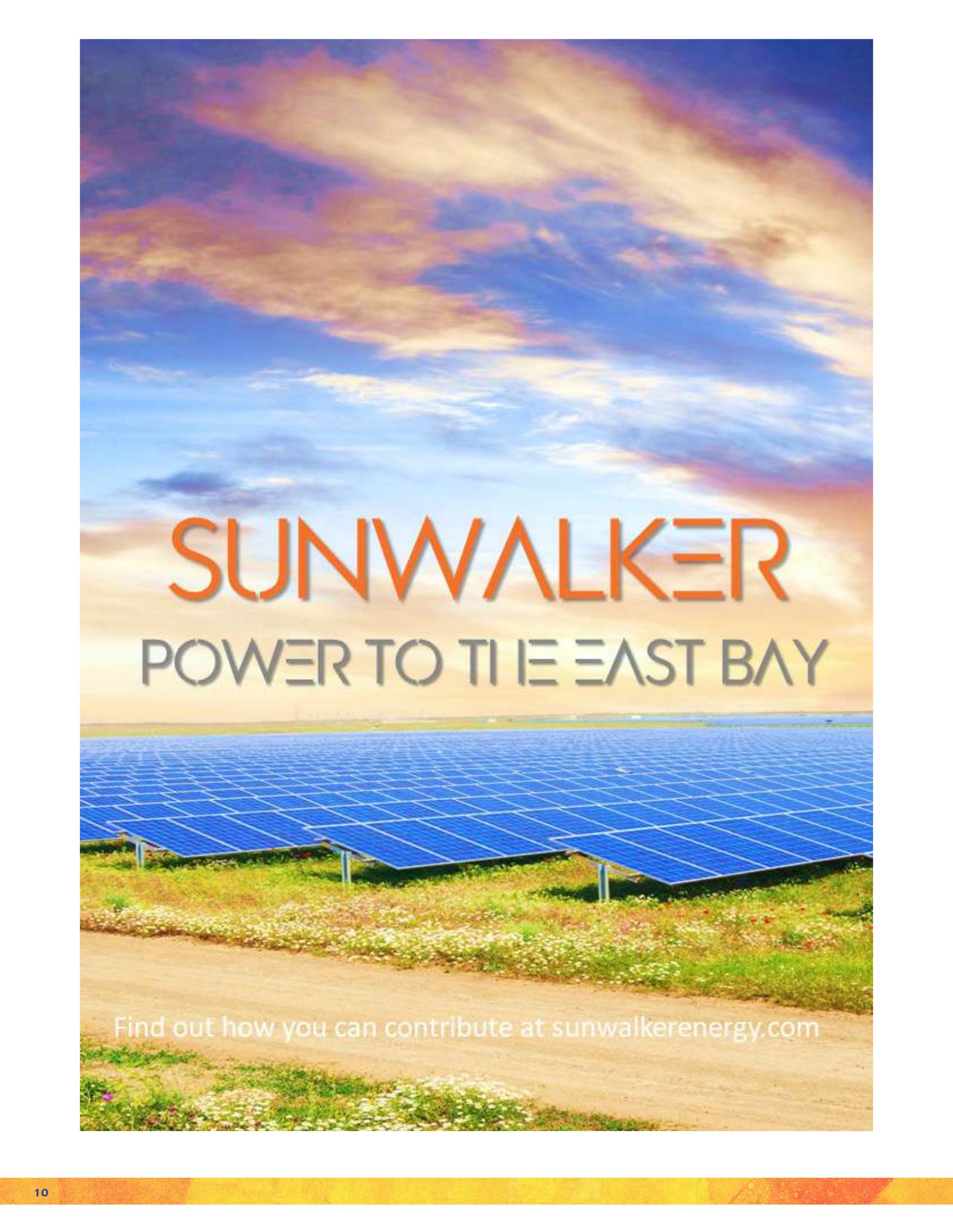
## **How do we increase local ownership and control of clean energy resources?**

### **4. Community Choice energy programs:**

How can a public, not-for-profit alternative to the investor-owned utilities, such as East Bay Community Energy, increase local ownership and control of clean energy resources, including renewable generation and energy efficiency? How can communities ensure that there is equity in policy decisions that determine the operation of the program? How can the design of the Community Choice program maximize community benefits, especially for low income communities and communities of color?

### **5. Cooperatives, shared solar, and neighborhood microgrids:**

How can alternative economic models and technological innovations help communities gain control and ownership of clean energy resources? What are ways to organize, plan and finance community energy cooperatives? How can community shared solar projects benefit renters and others who cannot put solar on their roofs? How can microgrids be utilized to create self-sufficient neighborhoods with regard to electricity, and encourage power sharing and storage capacity?



# SUNWALKER

## POWER TO THE EAST BAY

Find out how you can contribute at [sunwalkerenergy.com](http://sunwalkerenergy.com)

# Join the Clean Energy Revolution

The Bay Area is home to many local community choice aggregation programs (CCAs) that offer 100% GHG-free electricity.

Find your local clean energy provider at [www.cal-cca.org/](http://www.cal-cca.org/) and sign-up today.

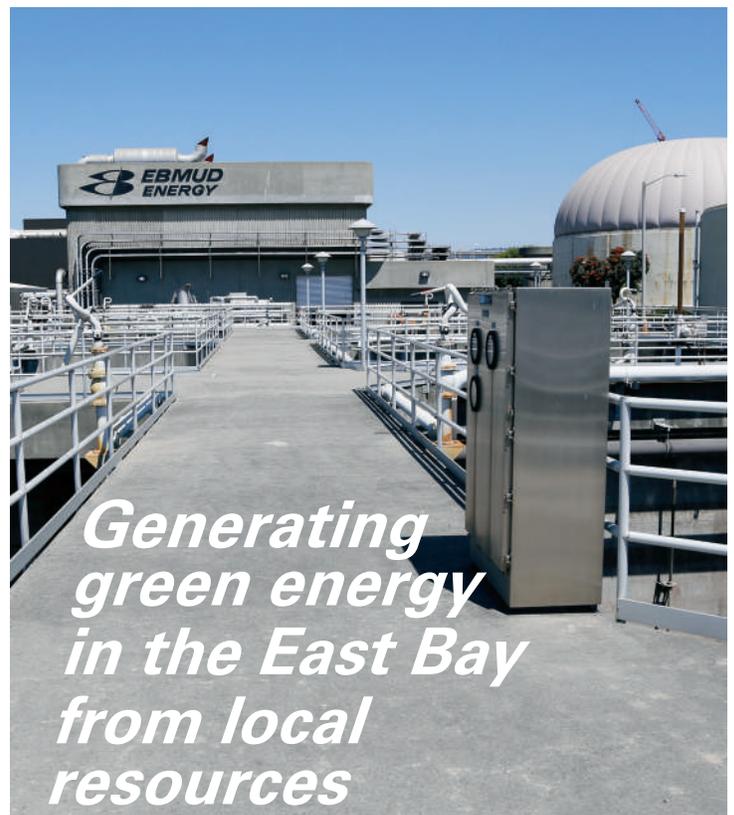


## Clean Coalition

Making Clean Local Energy Accessible Now

<b>Analysis &amp; Planning</b>	<b>Grid Modeling &amp; Optimization</b>	<b>Program Design</b>	<b>Community Microgrid Projects</b>
<b>Full cost and value accounting for DER</b> <ul style="list-style-type: none"> <li>• Solar siting surveys</li> <li>• Interconnection analysis</li> <li>• Property owner engagement/facilitation</li> <li>• Benefits and costs analysis</li> </ul>	<b>DER optimization</b> <ul style="list-style-type: none"> <li>• Powerflow modeling</li> <li>• Dispatch scheduling</li> <li>• Grid operational limits analysis, upgrade requirements</li> </ul>	<b>Procurement and interconnection</b> <ul style="list-style-type: none"> <li>• FIT design</li> <li>• Local development business plans</li> <li>• RFP design, administration, facilitation</li> </ul>	<b>Design and implementation</b> <ul style="list-style-type: none"> <li>• Peninsula Advanced Energy Community</li> <li>• Valencia Gardens</li> <li>• Long Island</li> <li>• Hunters Point</li> </ul>

[www.clean-coalition.org](http://www.clean-coalition.org)



[www.ebmud.com](http://www.ebmud.com)



# Happy 10<sup>th</sup> Anniversary Local Clean Energy Alliance!



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STRATEGY  
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[movementstrategy.org](http://movementstrategy.org)

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The fight for a clean  
energy economy is  
about building a safer,  
better future.

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ECC is a national nonprofit organization working to create high-road—sustainable, just and inclusive—local economies. Our local and national partners bring resources and expertise from the community, labor, business and government sectors. We're headquartered in Washington, D.C., and work in Emerald Cities nationwide.

#### **National Programs:**

- RENEW Multi-Family
- E-Contractor Academy
- Anchors in Resilient Communities
- Economic Inclusion
- ACES (Architecture, Construction and Engineering, Students)
- Community College Initiative
- Skills Build Us!

[www.emeraldcities.org](http://www.emeraldcities.org)



Renewable Properties, a renewable energy development company, works collaboratively with local authorities and municipalities looking to add locally-sited solar energy to their power supply. If you're looking to add local solar to your community, please reach out to us about how we can help you achieve your clean energy goals.

[www.renewprop.com](http://www.renewprop.com)

**We helped bring  
East Bay Community Energy to life!  
Join us to be part of the next  
community-led solution.**



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Come to a **2018 Climate Convening:** break down problems, share solutions, meet others who are taking action.

Join one of our **Working Groups** to drive forward projects to reach climate goals.

Contact:  
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ecology center



*This Action Conference is an experience for cross-pollinators like you to collaborate with each other — Produced for you by the xPollinators with the Local Clean Energy Alliance.*

*We help find you allies to **learn, share, and grow** with.*

*work with us at [crystal@theXPollinators.com](mailto:crystal@theXPollinators.com)*



## Thank you to our Clean Power, Healthy Communities Host Committee!

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Al Weinrub\*  
Miya Yoshitani

\* *Special thanks to the hosts who went above and beyond*

## Thank you and gratitude to the following individuals who helped with the heavy lifting!

Angela Scott  
Barbara Stebbins  
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Larry Chang  
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Megan O'Neil  
Stephan Crawford  
Sylvie Josel  
Yasir Cross

**And thank you to our sponsors!**

# Thank You!

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To the panelists and participants in the conference, to the many individual and organizational allies of the Local Clean Energy Alliance over the past 10 years, to those who will join us in building an Energy Democracy movement that empower our communities and struggle for environmental, economic and social justice.

## Clean Power to the People!





