

Contra Costa County Climate Leaders (4CL) presents:

## “Solar in Cities: Increasing Rooftop Saturation”

March 8, 2018; 8 to noon

30 Muir Road, Martinez; ZA Room



- 8:00** Check-in, Networking, complimentary coffee & pastries
- 8:15** Introductions (Lynda Deschambault, Director, 4CL)  
Welcome/Introduction (Maureen Toms, Contra Costa County)
- 8:45** Big Picture: SB 350 Clean Energy and Pollution Reduction Act; CA attainment of Goals; including [2019 updates to the CA Green Building Code](#); mandatory solar (Terra Weeks, Advisor to Commissioner Hochschild, CA Energy Commission; Ken Rider, Technical Adviser)
- 9:15** Bridging State Policy to Local Implementation
- Resources: Grants and Technical Assistance – Chris Bradt (Frontier Energy)  
-- Energy Alphabet Soup: OBF, CAEATFA, CREBS, and more
  - Information, best practices, and who to trust
- 9:40** --[Bay Area Model Solar Ordinance Program](#) and Toolkit for Cities Vijay Kesavan (BARC)  
--Rachel DiFranco [Case Study City of Fremont: Adopted with modifications](#)
- 10:15** Break
- 10:30**
- Working with Local Governments to Streamline the Solar Permitting Process, including case studies from around the East Bay--Bryan Raymond, Mike Powers and Carmen Corrales (Diablo Solar Services).
- 10:50** Local Government Perspectives and Case Studies:
- San Pablo – GRID Alternatives Partnership (Amanda Booth, City of San Pablo)
  - City by City kWh Scorecard – PG&E/ 4CL (TBC)
  - Share time: Richmond, Lafayette, Pittsburg, Pinole, Walnut Creek, Martinez (TBC)  
Offering solar rebates/incentives and funding for low income families  
Expedited solar permitting, bulk purchases, and more!
- What are the benefits and offerings for solar customers and cities who adopted MCE (JR Killigrew)
- 11:45** Wrap Up, Action Items, Networking Opportunities—lunch snacks provided

Brought to you by Generation Green's  
**Contra Costa County Climate Leaders program (4CL)**  
[www.cccclimateleaders.org](http://www.cccclimateleaders.org)

RSVP and Your ideas and questions are always welcome! (925) 631-0597 or  
[info@cccclimateleaders.org](mailto:info@cccclimateleaders.org)

**Special thanks to 4CL's sponsors: Diablo Solar and MCE!**



## ABSTRACTS AND BIOS

- **Big Picture: SB 350 Clean Energy and Pollution Reduction Act; CA attainment of Goals; including 2019 updates to the CA Green Building Code: mandatory solar (Terra Weeks, Advisor to Commissioner Hochschild, CA Energy Commission)**

- **ABSTRACT:** Terra Weeks and Ken Rider will discuss current clean energy efforts at the state level and ways in which local action complements and supports statewide policy. At the CEC, they also spearheaded the development of the CA model solar ordinance and will describe the project's background and motivation. Additional key topics will include renewable energy trends, relevant building code updates, building decarbonization, and electric vehicle integration
- **BIOS:** Terra Weeks is Advisor to Commissioner David Hochschild at the California Energy Commission (CEC). Her background spans the intersection of renewable energy technology and policy across the public, private and nonprofit sectors. Prior to joining the CEC, Terra supported research and policy efforts at Elemental Excelsior, a cleantech accelerator that provides funding to startups working in energy, mobility, water and agriculture. She also assisted with the organization's expansion into California, focused on increasing equitable access to cleantech innovation. She previously served as the Renewable Energy Program Associate at the San Francisco Department of the Environment where she oversaw renewable energy programs and played a key role in developing the City's Better Roofs Ordinance to require solar on new construction. Terra holds an M.S. in Civil and Environmental Engineering, Atmosphere & Energy Program from Stanford University and a B.S. in Environmental Studies from the University of California Santa Barbara. Terra Weeks; Phone: (916) 654-4550; [Terra.Weeks@energy.ca.gov](mailto:Terra.Weeks@energy.ca.gov)
- **BIO Ken Rider** is Chief of Staff to Commissioner Hochschild and Senior Electrical Engineer at the California Energy Commission, the state's primary energy policy and planning agency. He has been a policy advisor to the Commissioner since 2015, focused on distributed renewables and electrification. Ken has worked for the Energy Commission for ten years, mostly as an engineer with the agency's appliance efficiency program developing minimum efficiency standards for products sold in the state. Most recently he worked to set energy efficiency standards for computers and light bulbs. Ken holds a B.S. in Electrical Engineering with a minor in technology management. Ken Weeks (916) 654-5006; [Ken.Rider@energy.ca.gov](mailto:Ken.Rider@energy.ca.gov)

- **Bridging State Policy to Local Implementation: Grants, Technical Assistance, Tools, Bay Area Model Solar Ordinance**

**ABSTRACT:** Bridging State Policy to Local Implementation” – This portion of our morning will include presentation and discussion on various resources and strategies that can help local governments, residents, and businesses install rooftop solar. Grants and a range of financial products are available to help. Regional programs and initiatives can provide information and confidence to property owners and project developers. Local partners and community members have lessons to share. Chris Bradt from Frontier Energy, Vijay Kesavan from the Bay Area Air Quality Management District and the Bay Area Regional Collaborative, and Rachel DiFranco from the City of Fremont will help explore these and related topics.

- **BIO:** Chris Bradt plays a leading role in Frontier Energy's support of new local government and community choice energy initiatives in California. He has guided implementation of energy programs for Sonoma County, the Bay Area Regional Energy Network, and Los Angeles County. His well-rounded expertise spans residential retrofit programs, energy efficiency and solar financing, building codes and standards, and energy and water conservation policy. Recent projects include: regulatory analysis for the construction of a microgrid project and the development of best practices for developing Clean Energy Microgrid Communities in urban areas; electrification and zero net energy project development; and participation in stakeholder processes for the Title 24 Part 6 2019 Update. Phone: (510) 463 6127; email [cbradt@frontierenergy.com](mailto:cbradt@frontierenergy.com)
- **BIO:** Vijay Kesavan; is the program coordinator at BARC and lead staff supporting the Bay Area Model Solar Ordinance program, a joint technical assistance effort of Bay Area Regional Collaborative, Bay Area Air Quality Management District and the Bay Area Regional Energy Network to expand adoption of rooftop solar photovoltaic ordinance for new residential and low-rise multifamily construction. Vijay organizes the bimonthly work sessions intended for staff of Bay Area jurisdictions, to provide access to technical expertise, respond to questions and concerns, and deliver individual support on the adoption process. Please contact Vijay at [vkesavan@bayareametro.gov](mailto:vkesavan@bayareametro.gov) for more information and to schedule an informational presentation on the Bay Area Model Solar Ordinance Program. phone: email: [vkesavan@bayareametro.gov](mailto:vkesavan@bayareametro.gov)



- **Bridging State Policy to Local Implementation Cont'd: Local Government Perspectives—City of Fremont**
  - **ABSTRACT:** The City of Fremont was the first local jurisdiction to utilize the 2016 solar cost-effectiveness study and accompanying model ordinance to adopt a requirement for mandatory solar in new residential construction as part of the 2016 CA Energy Code. Recommended by the City's Environmental Sustainability Commission and passed unanimously by Fremont City Council, the solar ordinance aligns with Fremont's Climate Action Plan goals of reducing greenhouse gas emissions and encouraging renewable energy deployment. Fremont Sustainability Manager Rachel DiFranco will provide an overview of the City's ordinance adoption process and answer any questions regarding outreach and implementation.
  - **BIO:** Rachel DiFranco is a LEED O+M Accredited Professional with a Master's Degree in Natural Resources & Sustainable Development. As Sustainability Manager for the City of Fremont, Rachel is responsible for implementing Fremont's Climate Action Plan, helping the city transition from an auto-oriented suburb into a sustainable, strategically urban, modern city. Phone: (510) 494-4451; email: [RDiFranco@fremont.gov](mailto:RDiFranco@fremont.gov)
  
- **GRID Alternative Partnership**
  - **ABSTRACT:** Amanda Booth, City of San Pablo
  
- **Working with Local Governments to Streamline the Solar Permitting Process, including East Bay case studies**
  - **ABSTRACT:** Diablo Solar will discuss the solar permitting process from the point of view of the experienced solar installation contractor. Case studies will be presented from several East Bay jurisdictions highlighting the best programs, policies and procedures for streamlining the solar permitting process with the end goal to make it easier and less expensive for a homeowner to install a residential solar system in the San Francisco Bay Area.
  - **BIO:** Bryan Raymond is the president of Diablo Solar. A local company that has had 32 years in business and more than 21,000 solar systems installed. He and Mike Powers purchased Diablo Solar in 2015. Prior to joining Diablo Solar Bryan graduated from the University of Nevada, Reno and personally designed over a thousand solar systems. Bryan has his own solar system on his home in Brentwood, where he lives with his wife Alison and two children Mason and Lilyanne. Phone: (925) 313-0600; email: [bryanr@diablosolar.com](mailto:bryanr@diablosolar.com) ; <http://diablosolar.com/>
  - Mike Powers, V.P. Operations has been a valuable part of the Diablo Solar team for almost 20 years, and jumped at the opportunity to partner with Bryan Raymond to purchase the business in 2015. Mike started installing solar on roofs as a teenager and steadily worked his way up to Installation Supervisor and eventually Installation Manager of the solar-electric department before taking over ownership of the company he helped build. Mike is fully certified with NABCEP, SunPower, Pentair, Hayward, National Electric Coding, Enphase, SMA and QuickMount. Mike lives in Martinez with his wife Sarah and children Hailey, Alyssa and Danny.
  - Carmen Corrales, Diablo Solar Public Relations Coordinator is the Public Face of Diablo Solar and is responsible for all Social Media, Advertising, Marketing and Promotion of Diablo Solar Services, including the relationships with various local governments. Carmen's main goal is to help spread the word about the benefits of solar and to make sure that as many people as possible understand the true possibilities that exist by going green.
  
- **Solar Roofs and MCE**
  - **ABSTRACT:** MCE will discuss the benefits and offerings for solar customers and cities who adopted MCE
  - **BIO:** J.R. Killigrew is a Community Development Manager at MCE who interfaces with a wide range of community stakeholder and customer groups conducting climate action planning support, greenhouse gas reduction strategy, and strategic outreach efforts within MCE's service area. Email: [jkilligrew@mcecleanenergy.org](mailto:jkilligrew@mcecleanenergy.org); Main Email: [info@mcecleanenergy.org](mailto:info@mcecleanenergy.org); General Phone: 1-888-632-3674

