10th Annual STATEWIDE **ENERGY EFFICIENCY** FORUM

June 26-27 2019

# Transforming **Energy Efficiency: Bridging Opportunity** and Community Need

The 10th Annual Statewide Energy Efficiency Forum will focus on empowering local governments and the communities they represent to implement impactful energy efficiency measures locally while helping meet the state's ambitious climate and energy goals. To make real progress towards a decarbonized future, we must accelerate the pace of investment in, and deployment of, integrated energy efficiency strategies and more deeply engage underserved and disadvantaged communities.

Statewide Enerav Efficiency Collaborative

The 10th Annual **Statewide Energy Efficiency Forum** provides learning, sharing, and networking opportunities to help local governments save energy, reduce

greenhouse gas emissions in their communities, and catalyze climate action.

The forum features engaging sessions, expert plenaries and keynotes, and new innovative activities to help energy leaders and practitioners connect to learn about innovative projects and strategies, share best practices, and troubleshoot challenges.

The Westin Long Beach Hotel 333 E Ocean Blvd, Long Beach, CA 90802

## Wednesday, June 26

| 8 AM – 5 PM  | Registration  |   | Room: Foyer     |
|--|---------------|---|-----------------|
|  |               |   |                 |
| 8 AM – 10 AM   | Pre-Forum Se  | ssion: Energy Efficiency (EE) 101 Bootcamp  | Room: Salon C   |
| Leif Christiansen   EE   | E Coordinator |   |                 |
| <ul> <li>Nils Strindberg   California Public<br/>Utilities Commission</li> </ul>   |               | New to local government EE and sustainability and looking to get oriented? Or been in<br>the space for awhile and need a refresher? Join the Statewide EE Coordinator, CPUC,<br>and SEEC partners for this EE 101 bootcamp! This short, intensive workshop will<br>provide key information on policies, programs, and resources to support your local EE<br>and sustainability efforts. |                 |
| <ul> <li>Hoi-Fei Mok   ICLEI - Local<br/>Governments for Sustainability</li> </ul> |               |   |                 |
| <ul> <li>Brian Maloney   Southern California<br/>Edison</li> </ul>                 |               |   |                 |
| <ul> <li>Kim Danko   Institute for Local<br/>Government</li> </ul>                 |               |   |                 |
|  |               |   |                 |
| 12 PM – 1 PM   | Lunch (on yo  | ur own)   |                 |
|  |               |   |                 |
| 1 PM – 1:30 PM   | Welcoming R   | emarks F  | Room: Salon A/B |
| Nancy Pfeffer   Gateway Cities Council of Governments                              |               |   |                 |
| • Jeff Walker   Southern California Gas Con  |               | ompany  |                 |
| Leif Christiansen   EE Coordinator   |               |   |                 |

| 1:30 PM – 2:30 PM  | State Leaders Opening Plenary (see page 5 for description, | Room: Salon A/B |  |
|--|--|-----------------|--|
|  |  |                 |  |
| 2:30 PM – 2:45 PM  | Networking Break   |                 |  |
|  |  |                 |  |
| 2:45 PM – 4 PM   | Session Block #1 (see page 6 for descriptions)             |                 |  |
| <ul> <li>Regional Leadership to Support Local Action in Disadvantaged Communities</li> <li>Room: Salon C</li> </ul>                            |  |                 |  |
| Chasing the Twin Goals of Carbon Reduction and Racial Equity     Room: Salon A   |  |                 |  |
| Catalyzing Decarbonization and Market Transformation through Procurement     Room: Barcelona/Casablanca  |  |                 |  |
| <ul> <li>Public/Private Partnerships Promoting Energy Efficiency: Green Business Programs and<br/>Incentives</li> <li>Room: Salon D</li> </ul> |  |                 |  |
| 4 PM – 4:15 PM   | Networking Break   |                 |  |

# 4:15 PM - 5:30 PM Session Block #2 (see page 7 for descriptions) • TRC for the Rest of Us: Breaking Down Cost-Effectiveness Room: Salon A • Putting "Action" into your Climate Action Plan: Energy Master Planning Room: Salon D • Fueling Energy Conservation and Efficiency through Gamification Room: Salon C • Energize! A Municipal Residential Energy Efficiency Competition Room: Barcelona/Casablanca 5:30 PM - 7 PM Energy Champions Networking Reception

2

Schedule

# Thursday, June 27

| 7:30 AM – 1 PM   | Registration  | Room: Foyer  |
|--|---|--|
| 7:45 AM – 8:45 AM  | Networking Breakfast  |  |
| 8:45 AM – 9:45 AM  | Morning Plenary I: Energy Efficiency Policies, Planning, and Funding<br>for Climate Vulnerable Communities (see page 5 for description) | Room: Salon A/B  |
| 9:45 AM – 10 AM  | Rock Paper Scissors Championship  |  |
| <ul><li>Revolving Loan Funds ir</li><li>Addressing Barriers to B</li></ul> | EVI Deployment in Disadvantaged Communities   | <b>Room:</b> Salon A<br><b>Room:</b> Salon D<br><b>Room:</b> Salon C<br><b>m:</b> Barcelona/Casablanca |
| 11:15 AM – 11:30 AM  | Networking Break  |  |
| 11:30 AM – 12:30 PM  | Morning Plenary II: The Future Decarbonization of California's Energ<br>(see page 5 for description)                                    | <b>Y</b> Room: Salon A/B   |
| 12:30 PM – 1:30 PM   | Networking Lunch  |  |
| <ul> <li>Microgrids: Low Carbon</li> </ul>                                 |   | Room: Salon C<br>Room: Salon A<br>m: Barcelona/Casablanca<br>Room: Salon D                             |
| 2:45 PM – 3 PM   | Networking Break  |  |
| 3 PM – 4 PM  | <b>Closing Plenary: The Lasting Legacy of Local Government Partnersh</b> (see page 5 for description)                                   | ips Room: Salon A/B  |
| 4 PM – 4:15 PM   | Wrap-Up   | Room: Salon A/B  |
|  |   |  |

Financing

Implementation

Stakeholder Engagement

**Policy and** Planning

3

Thank you to our sponsors for supporting the 10th Annual Statewide Energy Efficiency Forum!



Pacific Gas and Electric Company, incorporated in California in 1905, is one of the largest combined natural gas and electric energy companies in the United States. Based in San Francisco, the company is a subsidiary of PG&E Corporation.



SDG&E is an innovative public utility based in San Diego that provides safe, reliable and clean energy to 3.6 million people across a 4,100 square mile service territory that covers San Diego and southern Orange counties.



Energy for What's Ahead®

An Edison International (NYSE:EIX) company, Southern California Edison is one of the nation's largest electric utilities, serving a population of approximately 15 million via 5 million customer accounts in a 50,000-square-mile service area within Central, Coastal and Southern California.



SoCalGas is the nation's largest natural gas distribution utility. We deliver clean, safe and reliable energy to 21.8 million consumers through 5.9 million meters in more than 500 communities.



The Bay Area Regional Energy Network (BayREN), a collaboration of the nine Bay Area counties, is a regional implementer of energy efficiency programs.



The Southern California Regional Energy Network (SoCaIREN) Public Agency Programs believe in the power of public agencies to lead their communities towards a safe, secure, resilient, affordable, and sustainable clean energy future.



From industry-leading technologies to nextgeneration energy efficiencies, Rheem has been a pioneer in developing some of the most innovative advancements in heating, cooling and water heating.



The Energy Coalition is a California-based 501(c)3 nonprofit with over 45 years of experience designing and implementing programs and strategies that transform energy use and empower communities to take action.



BuildZero is a non-profit social initiative creating Apps for Climate Action in communities.



TerraVerde Energy is an independent energy advisor that helps public agencies and commercial enterprises reduce energy use and costs through planning, designing and implementing energy conservation measures, solar energy systems, and energy storage solutions.



Skeo works for agencies, organizations and social entrepreneurs that are deeply committed to building a smarter, more sustainable and more equitable future.



Renovate America provides residents with reliable home improvement financing.



Founded in 2010 out of a passion for advancing electric transportation, Volta has mastered the art and science of developing cutting-edge electric vehicle charging networks.



Calpine Energy Solutions is California's largest and most experienced data management and customer services provider for Community Choice Aggregators (CCAs), managing customer data, providing business intelligence and operating California-based contact centers for over 3 million active accounts across 17 different CCAs since 2010.

4

# Wednesday

State Leaders Opening Plenary

• Renée Yarmy | Port of San Diego

| Room: Salon A/B   | <b>Time:</b> 1:30 PM – 2:30 PM   | Level: All  |
|---|--|---|
| <ul> <li>Leif Christiansen   EE Coordinator</li> <li>Edie Chang   California Air Resources<br/>Board</li> <li>Pete Skala   California Public Utilities<br/>Commission</li> <li>Lara Ettenson   Natural Resources<br/>Defense Council</li> <li>Thursday</li> </ul> | To meet our ambitious state and local goals to reduce greenhouse gas emissions, we must accelerate the pace of investment in, and deployment of, energy efficiency and other integrated energy strategies, as well as more deeply engage underserved and disadvantaged communities across California. This session will provide the opportunity for leaders from key statewide organizations to discuss their vision for California's low carbon future and the role of local governments in this evolving policy and program landscape. |   |
| ,   | Policies, Planning, and Funding for Climate Vu   | Inerable Communities  |
| Room: Salon A/B   | Time: 8:45 AM – 9:45 AM  |   |
| <ul> <li>Leah Fisher   California Strategic<br/>Growth Council</li> </ul>   |  | Level: Intermediate   |
| <ul> <li>Nuin-Tara Key   California<br/>Governor's Office of Planning and<br/>Research</li> </ul>   | This session will evaluate how energy efficiency invest<br>benefit disadvantaged (DAC) and low-income common<br>how that definition is broadening to include an under<br>incorporating climate impacts and adaptation, and h   | unities. The speakers will discuss<br>erstanding of climate vulnerability,  |
| <ul> <li>Jodi Pincus   Rising Sun Center for<br/>Opportunity</li> </ul>   | investments based on this evolving definition. The se<br>of a common framework, challenges and opportunit  | ession will cover the importance<br>ies in this process, metrics  |
| <ul> <li>David Jacot   Los Angeles<br/>Department of Water &amp; Power</li> </ul>   | to measure progress, and how various stakeholders<br>utilities, and community-based organizations are wo<br>climate resilience.  |   |
| <ul> <li>Amee Raval   Asian Pacific<br/>Environmental Network</li> </ul>  | cimate resilence.  |   |
| Morning Plenary II: The Future Deca   | rbonization of California's Energy   |   |
| Room: Salon A/B   | <b>Time:</b> 11:30 AM – 12:30 PM   | Level: All  |
| <ul> <li>Leif Christiansen   EE Coordinator</li> <li>Joshua Torres   Southern California<br/>Edison</li> <li>Ken Chawkins   Southern California<br/>Gas Company</li> </ul>  | Reducing emissions from non-renewable fossil fuels<br>for ensuring California meets its aggressive climate go<br>IOUs' visions for the path forward for decarbonizing<br>statewide goals.  | goals. This session will explore  |
|   |  |   |
| Closing Plenary: The Lasting Legacy   |  |   |
| Room: Salon A/B   | <b>Time:</b> 3 PM – 4 PM   | Level: All  |
| <ul> <li>Laurel Rothschild   The Energy<br/>Coalition</li> </ul>  | Cathor around the complice and listen closely, as a  |   |
| <ul> <li>Lou Jacobson   Redwood Coast<br/>Energy Authority</li> <li>Courtney Kalashian   San Joaquin<br/>Valley Clean Energy Organization</li> <li>Alejandra Tellez   Ventura County<br/>Regional Energy Alliance</li> </ul>                                      | Gather around the campfire and listen closely, as ma<br>Partnership storytellers from around the state share<br>LGP program model has made a lasting impact in th<br>to the origins of Local Government Partnerships, init<br>collaboration, and through the evolution into the sta<br>Investor Owned Utility. By celebrating the countless<br>presentation will serve as a celebration of this public<br>today while addressing the continued need to delive  | e perspectives about how the<br>eir region. Walk back in time<br>tiated as a single city-utility<br>atewide program offered by every<br>accomplishments of LGPs, this<br>c sector program as we know it |
|   |  |   |

## 2:45 PM - 4:00 PM

## Session Block #1

Track: Financing

## Regional Leadership to Support Local Action in Disadvantaged Communities Room: Salon C Karalee Browne | Institute for Local Government

- Nancy Pfeffer | Gateway Cities Council of Governments
- Brian Schuster | Environmental Science Associates

Faced with limited budgets and a lack of capacity, the small cities in the Gateway Cities region found themselves unable to develop the plans, inventories and projects needed to compete for valuable state Cap & Trade Funding. To remedy this, the Council of Governments led a multi-partner effort to create a Regional Climate Action Framework that now is helping cities advance their goals for economic development, public health, air quality, climate resiliency, equity, public engagement and job creation while planning for the impacts of climate change. In this session, you will get a preview of the innovative framework, learn about the resources and partners that led to this project and hear how it is helping local governments compete for state funding.

| Room: Salon A   | Level: All   | Track: Policy and Planning |  |  |
|---|--|----------------------------|--|--|
| <ul> <li>Rich Chien   Department of<br/>Environment, City and County of San</li> </ul>                      | San Francisco's "Zero Cities" project is a comprel<br>articulates specific mechanisms to catalyze net z<br>by 2050. Learn about:   |                            |  |  |
| <ul> <li>Francisco</li> <li>Ammon Reagan   Department of<br/>Environment, City and County of San</li> </ul> | <ul> <li>Analysis using publicly available information to<br/>emissions by sector, size and other attributes,<br/>options to drive emissions reductions.</li> </ul>  |                            |  |  |
| <ul><li>Francisco</li><li>Chris Selig   PODER</li></ul>   | <ul> <li>Partnerships to deploy data analytics to identify residential building retrofit<br/>opportunities that have a strong financial case and reduce the most emissions.</li> </ul>   |                            |  |  |
| Leah Obias   Race Forward   | • Effective community engagement with to empower stakeholders to partner with the City on building sector policy and program development and implementation.   |                            |  |  |
| Catalyzing Decarbonization and Market Transformation through Procurement                                    |  |                            |  |  |
| <b>Room:</b> Barcelona/Casablanca   | Level: All   | Track: Implementation      |  |  |
| <ul> <li>Brian Barnacle   Energy Solutions</li> </ul>   | Many local government agencies are following California's ambitious energy and climate goals. However, bandwidth, expertise, information availability, system and process deficiencies, and incumbent policies, behaviors and contracts make it difficut to overcome structural inertia that limits innovation. Recognizing these challenges, the California Energy Commission is launching a procurement assistance program that addresses widespread barriers and that is available for everyone. This panel will: (1) review technical potential for different end uses, (2) engage the audience in a facilitated discussion to highlight opportunities to innovate procurement systems, processes and policies, and (3) share how SEEC members can participate in the program. |                            |  |  |

Level: All

| Public/Private Partnerships Promoting Energy Efficiency: Green Business Programs and Incer           Room: Salon D         Level: All         Track: Stakeholder |                                      |   |  |
|--|--------------------------------------|---|--|
| Room: Salon D  | Level: All                           | Track: Stakeholder Engagement                 |  |
| Josephine Fleming   California Green   | California provides the California G | reen Business Network with funding for Cities |  |

- **Business Network**
- Courtney Chatterson | City of Long Beach
- Laura Rosenthal | Energy Upgrade California
- Shawn Orgel-Olson | California Green Business Network

California provides the California Green Business Network with funding for Cities and Counties to start Green Business Programs. A Green Business Program can be a powerful incentive for businesses to go beyond compliance. The best part is the process is fully fleshed out in an easy to use framework complete with training. Come to this session to learn what a successful Green Business Program looks like. Hear from one of our newest programs in Long Beach. In addition, learn how EnergyUpgrade California, CCAs and the IOUs partner with Green Business Programs to promote energy efficiency at small businesses.

# 4:15 PM - 5:30 PM

# Session Block #2

| Room: Salon A  | Level: Intermediate  | <b>Track:</b> Policy and Planning  |
|--|--|--|
| <ul> <li>Nicol Manzanares   The Energy<br/>Coalition</li> <li>Lara Ettenson   Natural Resources<br/>Defense Council</li> <li>Chris Ford   The Energy Coalition</li> <li>Lou Jacobson   Redwood Coast<br/>Energy Authority</li> </ul> | Everyone has been told that cost-effectiveness, and specifically Total Resource Cost (TRC), guides portfolio decisions, but do you understand the TRC calculation and why the programs that benefit your community may not make the cut? This session will continue the discussion started at the SEEC Forum in 2018. The panel will review the history and components of TRC, the impact that relying on the TRC has on energy efficiency programs, and what national best practices could improve California's approach. The panel will also raise alternatives for how to accurately value efficiency, protect customer funds, and align with state policies. |  |
| Putting "Action" into your Clin<br>Room: Salon D   | nate Action Plan: Energy Master Planı<br>Level: All  | ning<br>Track: Implementatior  |
| <ul> <li>Rick Brown   TerraVerde Energy</li> </ul>   | It can be a significant challenge to transla<br>gas emissions reduction goals of local gov   | te into action the ambitious greenhouse<br>vernment agencies' Climate Action Plans.<br>v Master Planning (a cost-effective, strategic      |
| <ul> <li>Ken Loman   City of Woodland</li> <li>Karly Zimmerman Fogg   TerraVerde<br/>Energy</li> </ul>   | onto clear and actionable implementation   | re emissions reduction goals are mapped<br>n plans. It provides a roadmap for identifying<br>evaluating the impacts of high value projects |
| Brian Barnacle   Energy Solutions  |  | Energy Master Planning optimizes existing<br>neration opportunities, generates predictabl<br>y.  |
|  | and Efficiency through Gamification  |  |
| rueling Energy Conservation  | and Enciency moogn Gamilication  |  |

| Room: Salon C   | Level: All  | Track: Stakeholder Engagement                          |  |
|---|---|--|--|
| Rachel Stern   Port of San Diego  | This panel will showcase proven ways to e   |  |  |
| <ul> <li>Amy Whitehouse   The Energy<br/>Coalition</li> </ul>                       |   | gy, will break down two recent engagement              |  |
| <ul> <li>Michael Arvizu   Center for<br/>Sustainable Energy</li> </ul>              | campaigns. Panelists will highlight lessons learned from each of the campaigns, while providing panel attendees with best practices to implement an educational campaign at their organization. You will even have a chance to participate in a game and slay |  |  |
| <ul> <li>Rita de la Fuente   San Diego<br/>Convention Center Corporation</li> </ul> | energy vampires. Get inspired to test out<br>employees to help reach your sustainabil   | similar behavior change campaigns with your ity goals! |  |

| Energize! A Municipal Residential Energy Efficiency Competition  |   |  |  |  |
|--|---|--|--|--|
| Room: Barcelona/Casablanca   | Level: All  | Track: Implementation  |  |  |
| <ul> <li>Hal Nelson   Portland State University</li> <li>Alex Polamero   Culture Cube<br/>Marketing</li> <li>Harrison Kingery   Res-Intel</li> </ul> | Energize! is a municipal behavioral energy efficiency<br>districts (or other geographies) to compete against e<br>energy retrofits. The Energize! program provides an<br>local governments to improve existing residential bu<br>in which cities typically have little programmatic auth<br>participants with cutting-edge big data tools, behavio<br>program resources to implement new municipal EE | ach other to deploy home<br>innovative and effective tool for<br>ilding energy efficiency, a sector<br>ority. This session provides<br>oral social science strategies, and |  |  |

# Thursday

# 10:00 AM - 11:15 AM

## Session Block #3

| RENs: Lessons Learned and the   | e Future of Energy Efficiency  |  |
|---|--|--|
| Room: Salon A   | Level: Intermediate  | Track: Stakeholder Engageme  |
| <ul> <li>Laurel Rothschild   The Energy<br/>Coalition</li> <li>Jenny Berg   Association of Bay<br/>Area Governments/Metropolitan<br/>Transportation Commission</li> <li>Lujuana Medina   County of Los<br/>Angeles</li> <li>Alejandra Tellez   County of Ventura</li> </ul> | Join to hear updates on the REN vision, programs, lessons learned, and case studies<br>on how the RENs have been leveraged to meet community needs and addressing<br>climate change. We will share how we address gaps in the energy efficiency<br>marketplace and serve residential, business, and public customers that have been<br>traditionally underserved. We will discuss new RENs, and enhancements RENs offer<br>Local Government Programs and Community Choice Aggregators. Also learn how loo<br>governments can best diversify and partner with other EE implementers and climate<br>change stakeholders to provide tangible impacts and to thrive in the midst of fundin<br>uncertainty. |  |
| Revolving Loan Funds in a Pos   |  |  |
| Room: Salon D   | Level: All   | Track: Financir  |
| <ul> <li>Genaro Bugarin   The Energy<br/>Coalition</li> <li>Annie Secrest   County of San Luis<br/>Obispo</li> <li>Matthew Skolnik   County of Los<br/>Angeles</li> <li>Alelia Parenteau   City of Santa<br/>Barbara</li> </ul>   | For many public agencies, utility incentives a<br>disbursement months after project complet<br>program utilization and project implemental<br>overcomes this barrier by providing access t<br>project construction costs. The session high<br>and proven strategies to successfully design<br>why Revolving Loan Funds must be consider<br>projects.   | ion can be a significant hindrance to<br>tion. A Revolving Loan Fund (RLF) Prograr<br>to upfront funds that cover 100% of the<br>lights RLF models and provides practical<br>and sustain a RLF. Participants will learn  |
| Addressing Barriers to EVI Dep<br>Room: Salon C   | bloyment in Disadvantaged Communitie   | <b>es</b><br><b>Track:</b> Implementatio   |
| <ul> <li>Kevin Wood   Center for Sustainable<br/>Energy</li> <li>Linda Urata   County of Kern</li> <li>Christine Viterelli   City of Arvin</li> <li>Jack Axelrod   Envoy</li> </ul>   | <ul> <li>While some of the approaches to deploying compare to other regions (e.g., increase awarange anxiety, provide funding opportunities unique approaches that are beneficial to conis a priority; Residents are multi-cultural and residents do not have access to home charge are above average; Corridor travel is significant been fully utilized.</li> <li>In this session, we will explore the barriers these communities. We will ask for audience strategies, share results of work conducted, to utilize in their own community.</li> </ul>   | EVI in rural and DAC communities<br>areness, increase affordability, reduce<br>s, streamline permitting), there are also<br>mmunities where: air quality improvement<br>speak numerous languages; Significant<br>ging (e.g., MUDs); Daily commutes to work<br>ant; and existing rebate programs have<br>that are common to all and unique to<br>e participation to prioritize deployment |
| Local Energy Codes: Tools for   | Reaching Your Climate Action Goals   |  |
| Room: Barcelona/Casablanca  | Level: All   | Track: Policy and Plannir  |
| <ul> <li>Chris Kuch   Southern California<br/>Edison</li> <li>Karen Kristiansson   BayREN</li> <li>Amy Rider   Building Decarbonization</li> </ul>  | Reach codes (local energy ordinances) are o<br>use to reduce greenhouse gas emissions, as  | ne of the tools local governments can  |

- Misti Bruceri | Misti Bruceri & Associates, LLC
- Gabriel Taylor | California Energy Commission

options local governments can consider. Attendees will also hear about experiences and lessons learned from local governments who have adopted reach codes in the past, and will leave with information about resources available to assist with reach code efforts.

Wild fire, extreme weather linked to climate change, ever-present earthquake threats, and other possible disruptions, along with decarbonization policy goals, are leading

local governments to examine microgrids. What kinds of critical facility microgrids

are moving forward today? How are they being financed? How are they designed?

Communities can tap into new energy innovations to support critical functions while supporting business continuity and other local economic development goals.

## 1:30 PM - 2:45 PM

# Session Block #4

| The Spirit of Free Ridership Policy and the Public Sector                                 |   |                            |  |  |
|---|---|----------------------------|--|--|
| Room: Salon C   | Level: All  | Track: Policy and Planning |  |  |
| <ul> <li>Lou Jacobson   Redwood Coast<br/>Energy Authority</li> </ul>                     |   |                            |  |  |
| <ul> <li>Courtney Kalashian   San Joaquin<br/>Valley Clean Energy Organization</li> </ul> | This session will debate the merit of free ridership policy in the public sector. The goal is to promote a balanced perspective on the topic while increasing participants' understanding of the policy and how it influences program design, implementation and cost-effectiveness calculations. Panelists will be prompted by moderator questions and participant feedback. Example questions include: What is free ridership |                            |  |  |
| <ul> <li>Rebecca Hausheer   The Energy<br/>Coalition</li> </ul>                           |   |                            |  |  |
| <ul> <li>Brendan Havenar-Daughton   Pacific<br/>Gas &amp; Electric</li> </ul>             | and why are we so worried about it? How do we document program influence? Is the concept of free ridership in government valid? And, should we be concerned about   |                            |  |  |
| <ul> <li>Jordan Garbayo   3CREN - County of<br/>San Luis Obispo</li> </ul>                | how free ridership assumptions may impact hard to reach communities?  |                            |  |  |
| Microgrids: Low Carbon Reliability & Resilience   |   |                            |  |  |
| <b>Room:</b> Salon A  | Level: All  | Track: Implementation      |  |  |

- Margaret Bruce | Local Government Commission
- Peter Asmus | Navigant Research
- David Liebman | Sonoma County Junior College District
- Christine Houston | Port of Long Beach

Edison

| Aligning Municipal Policies and Actions with Energy and Carbon Goals   |  |  |  |  |
|--|--|--|--|--|
| <b>Room:</b> Barcelona/Casablanca  | Level: Intermediate  | Track: Policy and Planning   |  |  |
| <ul> <li>Cathy Higgins   New Buildings<br/>Institute</li> <li>Sharon Patterson Grant   Eco Edge</li> <li>Susan Freed   County of San Diego</li> <li>Mike Grimm   City of Carlsbad</li> </ul> |  | ons. However, there is often a<br>ons, capital planning, and long-term<br>ities around the country to "lead by<br>ge basic energy benchmarking data<br>unicipal facility improvement. Join<br>and to receive free, comprehensive |  |  |
| A Tale of Two Cities   |  |  |  |  |
| Room: Salon D  | Level: All   | Track: Stakeholder Engagement  |  |  |
| <ul> <li>Samantha Meza   The Energy<br/>Coalition</li> </ul>   | This session will explore the individual motivation<br>throughout Southern California as they strive to  | achieve energy efficiency-   |  |  |
| <b>Jake Anderson</b>   The Energy Coalition  | equity across their regions through Local Govern<br>implementers The Energy Coalition (TEC), along v   |  |  |  |
| • Robyn Eason   City of West Hollywood   | California Edison (SCE) will share their first-hand experience with providing municipa   |  |  |  |
| Joshua Soliz   City of Orange  | energy efficiency project support to cities throug   |  |  |  |
| Scot Mann   Southern California<br>Edison  | and North Orange County Cities (NOCC) Energy Partnership. Insider perspectives into the distinctive motives of each region that inspire local leadership actions will be |  |  |  |

explored.



# Things To Do

## Aquarium of the Pacific

Visit the fourth most visited Aquarium in the country containing 11,000+ marine animals!

Location

Contact

100 Aquarium Way

(562) 590-3100

#### **Bluff Park**

Visit one of the most beautiful parks in Long Beach!

#### Location

2500 E Ocean Blvd.

#### **Breweries**

Start and finish right here at the Westin. Complete circle is a mile of walking, take a stroll and network with a beer in your hand!

| Beer Belly (GF)                          |                         |
|--|-------------------------|
| Location                                 | Contact                 |
| 255 Long Beach Blvd.                     | (562) 436-2337          |
| Beachwood BBQ                            |                         |
| Location                                 | Contact                 |
| 210 E 3rd St.                            | (562) 436-4020          |
| Dog Haus Biergarten                      | (V, GF)                 |
| Location                                 | Contact                 |
| 210 E. 3rd St.                           | (562) 901-4287          |
| BO-beau kitchen + rooftap (V, GF)        |                         |
| Location                                 | Contact                 |
| 144 Pine Ave.                            | (562) 983-0056          |
| <b>Rock Bottom Restaur</b>               | ant and Brewery (V, GF) |
| Location                                 | Contact                 |
| 1 Pine Ave.                              | (562) 308-2255          |
| El Dorado Nature Ce                      | enter                   |
| Take a breath of fresh air ir sanctuary! | n this 105 acre nature  |
| Location                                 | Contact                 |
| 7550 E Spring St.                        | (562) 570-1745          |

### Harbor Breeze Cruises

Choose between a 2-2.5 hour Whale Watching tour and a 45-minute Harbor Tour. Hop along an eco-friendly, lowemissions boat to view breathtaking marine animals with commentary from the Aquarium of the Pacific educators. Only a 7 minute walk from the Westin!

| Location                      | Contact        |
|-------------------------------|----------------|
| 100 Aquarium Way, Dock #2     | (562) 432-4900 |
| First dock to the left of the |                |
| Aquarium of the Pacific       |                |
| Long Beach Conventio          | on Center      |

Check out the events calendar to see what's going on tonight!

| Location          | Contact        |
|-------------------|----------------|
| 300 E Ocean Blvd. | (562) 436-3636 |

## Long Beach Museum of Art

Check out a collection of approximately 3,000 Californian and European paintings, drawings, sculptures, and more.

| Location          | Contact        |  |
|-------------------|----------------|--|
| 2300 E Ocean Blvd | (562) 439-2119 |  |

## Museum of Latin American Art

Stroll through one of the only museums in the nation focusing exclusively on Latin American contemporary fine art. Free admission between 5-9pm on the fourth Thursday every month!

| Location          | Contact        |
|-------------------|----------------|
| 628 Alamitos Ave. | (562) 437-1689 |

## Port of Long Beach Tour

Take a 90-minute tour of the second busiest container seaport in the country! Catch the Thursday Sunset Tour at 7-8:30pm!

| Location               | Contact    |
|------------------------|------------|
| 4801 Airport Plaza Dr. | (562) 283- |

(562) 283-7000

## WestinWORKOUT® Fitness Studio

Maintain your focus on fitness with 24/7 access to functional training equipment, featuring Gear Lending with New Balance, during your stay at the Westin Long Beach!

## Cafes / Coffee

445 E 1st St.

| Cules / Collee               |  |
|------------------------------|--|
| Сирра Сирра                  |  |
| Location                     | Hours                                    |
| 455 E Ocean Blvd             | 6:30 AM - 4 PM                           |
| <b>Recreational Coffee</b>   |  |
| Location                     | Hours                                    |
| 237 Long Beach Blvd. Suite A | 7 AM - 7 PM                              |
| Starbucks                    |  |
| Location                     | Hours                                    |
| 2707 E Ocean Blvd.           | 5:30 AM - 7:30 PM                        |
| The Village Grind            |  |
| Location                     | Hours                                    |
| 443 E First St.              | 6 AM - 5 PM                              |
| Doly's Delectables           |  |
| Location                     | Hours                                    |
| 245 E Broadway               | 6 AM - 3 PM                              |
| Modica's Deli                |  |
| Location                     | Hours                                    |
| 455 E Ocean Blvd.            | 10:30 AM - 9 PM                          |
| Creme De La Crepe            |  |
| Location                     | Hours                                    |
| 400 E First St.              | 8 AM - 10 PM                             |
| George's Greek Cafe (V,      | GF)                                      |
| Location                     | Hours                                    |
| 135 Pine Ave.                | 10 AM - 10 PM                            |
| Dining                       |  |
| Naree Thai (V, GF)           |  |
| Location                     | Hours                                    |
| 555 E Ocean Blvd.            | 11 AM - 10 PM                            |
| Alegria Cocina Latina (V     | )  |
| Location                     | Hours                                    |
| 115 Pine Ave.                | 11 AM - 10 PM                            |
| 555 East Steakhouse          |  |
| Location                     | Hours                                    |
| 555 E Ocean Blvd.            | 5:30 - 10 PM                             |
| The Grill Restaurant         |  |
| Location                     | Contact                                  |
| The Westin Long Beach        | (562) 436-3000<br>(Reservation required) |
| Utopia (V)                   |  |
| Location                     |  |
|                              |  |

## 10

| Lounges / Bars  |                          |
|---|--------------------------|
| The Federal Long Beach (V)  |                          |
| Location  | Hours                    |
| 102 Pine Ave.   | 5 PM - 12 AM             |
| The Stave Bar   |                          |
| Location  | Hours                    |
| 170 The Promenade N   | 12 PM - 2 AM             |
| Blind Donkey  |                          |
| Location  | Hours                    |
| 149 Linden Ave.   | 5 PM - 2 AM              |
| District Wine   |                          |
| Location  | Hours                    |
| 144 Linden Ave.   | 4 - 10 PM                |
| <b>The Lobby Bar</b><br>Light bites, happy hour discounts   |                          |
| Location  |                          |
| The Westin Long Beach   |                          |
| Bike Share  |                          |
| Website   | Cost                     |
| http://socialbicycles.com/  | \$7/hour (Pay as you go) |
| Air Travel<br>The Westin Long Beach is located 11 miles from<br>Long Beach Airport (LGB), 25 miles from Los Angeles<br>International Airport (LAX), and 23 miles from John Wayne<br>Airport (SNA) |                          |
| Rail Transportation   |                          |
| Metro Blue Line rail an   | d bus system             |
| Cost  |                          |
| \$1.75 (one way ticket)   |                          |
| Public Transit  |                          |

#### **Passport Shuttle**

Free circulator bus serving Downtown Long Beach, The Pike Outlets, City Place Mall, The Pike at Rainbow Harbor, East Village Arts District, Convention Center, Shoreline Village, Aquarium of the Pacific, Queen Mary, Metro Blue Line and many Downtown Hotels.

#### Cost

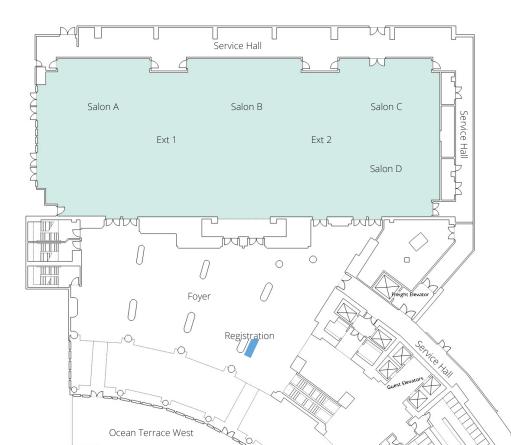
Free!

## Long Beach Transit Bus System

Cost

\$1.25 (Regular fare)

# Map



#### **Special Thanks**

This forum is the culmination of months of dedication and hard work... and a lot of emails and coordination calls. Without the support from dozens of dedicated staff, partners, and volunteers, this forum would not have been possible. We would like to express our sincere gratitude and appreciation to all of our advisory committee members, session organizers, speakers, SEEC partners, sponsors, volunteers, and LGC staff.

## About the Statewide Energy Efficiency Collaborative

The Statewide Energy Efficiency Forum is sponsored by the Statewide Energy Efficiency Collaborative (SEEC). SEEC provides support to cities and counties to help them reduce greenhouse gas (GHG) emissions and save energy. SEEC is an alliance between three statewide non-profit organizations (The Local Government Commission, ICLEI – Local Governments for Sustainability, USA, and the Institute for Local Government) and California's four Investor-Owned Utilities.

#### About the Local Government Commission

The Local Government Commission (LGC) is a nationally recognized non-profit organization with a rich history of connecting leaders, advancing policies and implementing solutions for sustainable communities. For the last 38 years, the LGC has been at the forefront – identifying promising approaches and fostering persuasive models that can be replicated and used to inform public policy.

This program is funded by California utility customers and is administered by San Diego Gas & Electric Company, Southern California Edison Company, Southern California Gas Company, and Pacific Gas and Electric Company under the auspices of the California Public Utilities Commission.

#### •I.C°L•E•I .... Local Governments for Sustainability

Barcelona

Casablanca



