

Center for Energy Efficiency and Renewable Technologies

17th Annual

**CLEAN
POWER
CHAMPION**


AWARDS RECEPTION

Tuesday, August 20, 2019 5:30 - 7:30pm

Location:
The California Museum Facility Rentals
1020 O Street
Sacramento, CA 95814




CONGRATULATIONS TO THE 2019 Clean Power Champions



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THANK YOU & WELCOME FROM THE EXECUTIVE DIRECTOR

The board and staff of the Center for Energy Efficiency and Renewable Technologies are proud to welcome you to our 17th annual Clean Power Champion Awards.

We appreciate you joining us in celebrating the achievements and public service of our 2019 Clean Power Champions, each of whom has made lasting contributions to California's clean energy future, and helped accelerate the transition from fossil fuels.



We thank our sponsors and affiliates for their generous support, which enables us to host this event and carry out our work throughout the year.

With the passage of SB 100 (de León), California has set a high bar sending a message to the nation and the world that we are committed to transforming our energy economy to dramatically reduce our dependence on fossil fuels. We have an enormous amount of challenging work ahead of us, but the benefits are continued advances in clean energy technologies and reductions in costs, which are in our favor. In many ways, the biggest barriers to progress are siloed agencies and institutions, a failure to adapt to our changing climate, and the consequences of our success in rapidly scaling up renewables while still being dangerously dependent on natural gas.

The stakes are high and the challenges are many, but the opportunities to achieve results and bring about a just transition for all are huge. We can modernize and decarbonize our electric grid and our transportation system, and at the same time, improve the quality of life and opportunities for all of California's citizens.

We are honored and inspired by your friendship and support, and look forward to doing our very best to meet the challenges and seize the opportunities in front of us, as we work together to protect our planet and our communities, and expand economic opportunity for all.

A stylized, handwritten signature in blue ink, appearing to read 'V. John White'.

V. John White
Executive Director, CEERT



Cyrq is proud to support the 2019 Clean Power Champions



Cyrq
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Congratulations

to the 2019 **Clean Power Champions.**

Ed & Diana Smeloff

NRDC is proud to be a sponsor of the 17th Annual Clean Power Champion Awards and celebrates all this year's Clean Power Champions, especially the lifetime achievement award for our distinguished colleague, Carl Zichella



ABOUT CEERT

The Center for Energy Efficiency and Renewable Technologies (CEERT) is a nonprofit 501 (c)(3) organization which, since 1991, has helped to create a new model of public interest participation in planning the transition to a lower carbon energy future.

CEERT seeks to dramatically reduce air pollution and greenhouse gas emissions by accelerating the penetration of energy efficiency, renewable technologies, and other zero-carbon resources in order to create a reliable, affordable, equitable, and sustainable energy future.

CEERT fields a respected team of experienced energy policy and technical experts dedicated to overcoming obstacles to achieve environmental and climate goals through technical and policy innovations.

CEERT is supported by grants from the Energy Foundation and several other funds, and by public support contributions from affiliated clean technology companies and private donors, like you.

CEERT's advocacy is increasingly oriented toward analysis and advocacy of operational changes to the grid to encourage market participation of a technologically diverse, low-carbon and renewable portfolio of distributed and grid-scale resources, in addition to reducing reliance on gas, encouraging large-scale storage development, fostering an orderly progression toward an integrated Western regional grid and to realize state and regional coordination on climate and clean energy strategies.

Center for Energy Efficiency and Renewable Technologies

1100 Eleventh Street, Suite 311, Sacramento, California 95814
916/442-7785 916/447-2940 FAX info@ceert.org www.ceert.org



Dan Jacobson

State Director, Environment California

Dan Jacobson drives the strategy development and execution of Environment California's campaigns and lobbying in California's State Capitol. He has become the leading environmental campaign organizer and one of California's most consequential environmental lobbyists. He has an unmatched track record in building and sustaining public support for pioneering environmental legislation and statewide ballot campaigns.



He has successfully advocated for the passage of dozens of bills into law, including measures to ban toxic chemicals, bring 1 million solar roofs to California, and commit the state to divesting from coal. He also spearheaded two winning ballot campaigns: one that defended California's groundbreaking Global Warming Solutions Act against an oil-industry-backed campaign, and another to ban single-use plastic bags in grocery stores. Dan designed and helped implement the Charge Ahead campaign, which was created to educate and motivate support for public adoption of electric vehicles.

Dan was the lead strategist for SB 100 (de León), the bill for 100% clean energy. Despite significant political opposition and setbacks, Dan never gave up, and when the bill stalled in the Assembly, he doubled down and stepped up the campaign and grassroots organizing to put pressure on the Legislature, which led to the passage of the bill the following year, when Governor Brown signed it into law. The success of SB 100 has inspired similar campaigns in neighboring states and cities and helped inspire enactment of 100% clean energy bills in New York, Nevada, Washington, Maine, New Mexico, Puerto Rico, Hawaii, and Washington, D.C. In addition, more than 120 cities across the country have adopted 100% clean energy commitments.

Dan is originally from New York City, where he started playing in a jug band on the streets to make a living. During college, he held a number of jobs, the most notable of which was as a doorman, in which role he once escorted the then Mr. Trump to the curb.

Dan was a representative to the United Nations Climate Change Summit in Copenhagen in 2009 (COP 15) and the Paris Climate Summit in 2015 (COP 21).

In his spare time, he studies Spanish and sails on San Francisco Bay.



Mark Ferron

Former CPUC Commissioner & CAISO Board Member

Mark Ferron has been a leader in the intersection of energy, environment, finance and philanthropy. In 2011 he was appointed by Governor Jerry Brown as a member of the California Public Utilities Commission, where he served from 2011 to 2014. During his time at the PUC, he was an early advocate of integrating distributed energy resources as a key strategy for reducing dependence on natural gas and decarbonizing the grid. He also worked to advance renewables and to better align resource adequacy with climate goals.



From 2015-2018, Mark served on the Board of Governors of the California Independent System Operator, where he joined with Dave Olsen in making greenhouse gas emission reductions, renewables, and preferred resources central tenets of CAISO's strategic plan. He was instrumental in CAISO's recommendation to the California Energy Commission that they not approve the Puente natural gas plant in Oxnard without first carefully reviewing the economics and technical feasibility of non-combustion alternatives such as storage, demand response, local solar, targeted energy efficiency, and transmission expansions.

Mark also served on the of the Public Policy board of Veloz.org, a non-profit focused on inspiring, educating and empowering Californians to drive electric vehicles. Currently he serves on the board of the Rocky Mountain Institute. His extensive research on business models and operating practices of transportation networking companies such as Lyft and Uber, and the impact they have had on traffic congestion and air pollution, led to his developing the strategy and rationale for Senator Nancy Skinner's Clean Miles Standard legislation, enacted in 2018. Under the bill, ride-hailing companies will be required to increase their use of electric vehicles by offering their drivers incentives and access to electric vehicles. As the first legislation of its kind in the US, it is serving as a template for other cities and states to follow in reducing the environmental impacts of ride-sharing companies.

Before moving to California in 2009, Mark spent 25 years in global finance and banking.



CLEAN POWER CHAMPION 2019

Aura Vásquez

Former Commissioner, LADWP



In 2017, Aura Vásquez was appointed by Mayor Eric Garcetti to the Board of Commissioners overseeing the Los Angeles Department of Water and Power, becoming the first environmental justice organizer and activist to serve in that capacity.

Aura is a native of Colombia and has over ten years of experience in public policy and community organizing following her graduation from Lehman College in New York City. She served as a political advisor to US Representative Eliot Engel (D-New York) and for United Way NYC as an advocate for local youth.

She began her community-organizing career in California with PICO, a grassroots, faith-based social justice organization, working with immigrants in Orange County. As an organizer, she has channeled her passion for environmental protection into tackling climate change, environmental justice, and accelerating the transition from our reliance on fossil fuels. In 2014, she worked with former LA Mayor Antonio Villaraigosa and the Sierra Club in producing a commitment that Los Angeles would be coal-free by 2025.

She was one of the principal grassroots leaders in the community-based campaign to support Senator Kevin de León's SB 100, and has been a champion of the 100% Clean Energy movement.

On the LADWP board, she has been an advocate for community solar and battery storage, and for capturing rainwater. She was the first DWP Commissioner to have regular office hours, and has brought the voices of frontline environmental justice communities to the halls of LADWP.

We are proud to recognize Aura's many accomplishments that qualify her as a true Clean Power Champion.

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CLEAN POWER CHAMPION 2019

Lorenzo Kristov

Consultant, Electricity System Policy, Structure & Market Design

Lorenzo Kristov is a distinguished clean energy expert working to transition the electricity system to an integrated-decentralized structure, with increasing amounts of renewable generation and community-level distributed energy resources.

For 18 years Lorenzo was a principal at the California Independent System Operator (CAISO), where he was a lead architect of the locational marginal-pricing market system and played a key role in redesigning the CAISO's generator interconnection procedures and transmission planning process to better integrate renewable resources.

Lorenzo has championed a restructuring of the electric system in integrated layers, from individual buildings on up to microgrids, local distribution areas, transmission operators, and the regional interconnection. This vision emphasizes community energy systems, new distribution system operator models, and transmission-distribution interface coordination that enables a high level of distributed clean-energy resources.

Prior to his time at the CAISO, Lorenzo worked for four years at the California Energy Commission. He holds a B.S. in mathematics from Manhattan College, an M.S. in statistics from North Carolina State University, and a Ph.D. in economics from the University of California, Davis.

As a visionary with a solid grounding in systems architecture, policy, stakeholder processes, and pragmatic solutions that have advanced the evolution of the energy system, Lorenzo Kristov continues to be a Clean Power Champion helping to lead the way to a just, sustainable future.



Building Our Clean Energy Future Together!

Congratulations Dan Jacobson, Aura Vasquez and all
of the 2019 CEERT Awardees.



CLEAN POWER CHAMPION 2019

William Funderburk, Jr.

Former Commissioner, LADWP

Bill Funderburk is the managing partner of the Los Angeles office of the law firm of Castellon and Funderburk., and specializes in environmental regulatory issues and clean tech finance. He used his skills and experience to develop climate and clean tech finance solutions, and break down regulatory barriers to bring climate solutions to market. His work has included innovative financing for stationary fuel cells, geothermal development, and advanced water treatment technologies. He used his expertise in accessing private capital to engage and support frontline communities on just transition policies to reduce air pollution and toxics, and minimize disruption from climate adaptation.



Bill was appointed by Los Angeles Mayor Eric Garcetti to the Board of Commissioners which governs the Los Angeles Department of Water and Power. In that role, he worked to implement Mayor Garcetti's vision of creating a path to 100% clean energy by 2040. He has worked closely with the Mayor and his LADWP colleagues to accelerate the transition from LADWP's reliance on coal and natural gas while building community, labor and business support for a just transition to 100% clean energy. Bill developed the Equity Metrics Data Initiative, which enables the Department to assess how well resources and investments are distributed to modify policies, programs and services to improve social equity across its service territory. Bill represented LADWP and the City of Los Angeles at the United Nations Climate Change Summits in Paris (COP 21) and Bonn, Germany (COP 23) and at Governor Jerry Brown's Global Climate Action Summit in San Francisco in September 2018.



**AWEA-California would like to thank the 2019 Champions
for their commitment to clean energy leadership!
Visit www.awea.org @AWEACalifornia**



SPECIAL LIFETIME ACHIEVEMENT AWARD

Carl Zichella

Special Lifetime Achievement Award

Director, Western Transmission NRDC

Carl Zichella has been one of California's most influential environmental leaders and has been instrumental in moving the entire Western region forward



on the path to 100% clean energy. As California director for the national Sierra Club, he was instrumental in the state's successful efforts to plan, site, permit, and interconnect more than 10,000 megawatts of large scale solar and wind projects in California. His patient diplomacy and wise counsel helped narrow differences between environmental groups and renewable project developers, which resulted in unprecedented levels of habitat conservation and creative

mitigation measures while minimizing litigation.

As Director of Western Transmission Planning for the Natural Resources Defense Council, Carl became a tireless, articulate leader of efforts to expand the transmission grid for renewables and better integrate the balkanized Western grid. He has worked closely with environmental and renewable industry parties to replace retiring coal plants in the West with renewables and to utilize complementary zero-carbon resources to help balance California's renewable portfolio and reduce our dependence on natural gas.

With his friend and colleague Johanna Wald, Carl was an active participant in the Renewable Energy Transmission Initiative (RETI), which helped identify prime renewable energy zones and design transmission lines to provide access to them. He worked with the Western Governors Association on the Western Renewable Energy Zone initiative and helped guide U.S. Senate proposals to expedite renewable energy transmission.

Carl is a representative for the Western Electricity Coordinating Council's (WECC) Reliability Assessment Committee and vice-chair of WECC's Scenario Planning Subcommittee. He served as a member of the California Independent System Operator's Energy Imbalance Market Transitional Committee, is currently a director of Americans for a Clean Energy Grid, and for the last several years has worked with European Union advocates on renewable energy and transmission siting.

Carl Zichella is the very definition of a Clean Power Champion.







**Clean energy solutions,
sustainable world.**

Find Out More at edf-re.com

CONGRATULATIONS, 2019 Clean Power Champions

Dan Jacobson
State Director, Environment California

Mark Ferron
Former CPUC Commissioner
& CAISO Board Member

Lorenzo Kristov
Consultant, Electricity System Policy,
Structure & Market Design

Aura Vásquez
Former Commissioner, LADWP

William Funderburk, Jr.
Former Commissioner, LADWP

Carl Zichella
Director, Western Transmission,
Natural Resources Defense Council

**[Union of
Concerned Scientists]**

THANK YOU
2019 CLEAN POWER CHAMPIONS

*Your leadership to
advance clean
electricity creates a
healthier future for
all Californians.*

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CONGRATULATIONS FROM CEERT'S BOARD OF DIRECTORS

Thomas Starrs, Co-Chair <i>SunPower Corp</i>	Nick Goodman <i>CYRQ Energy</i>	Parin Shah <i>Climate & Clean Energy Equity Fund</i>
Carl Zichella, Interim Co-Chair <i>NRDC</i>	Arthur Haubenstock <i>At Large</i>	Virinder Singh <i>EDF Renewable Energy</i>
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Erica Brand <i>The Nature Conservancy</i>	Bill Magavern <i>Coalition for Clean Air</i>	Dr. James Walker <i>EDF Renewable Energy</i>
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Anders Glader <i>Pure Resource, LLC</i>	Nathan Sandvig <i>National Grid</i>	V. John White, Executive Director <i>CEERT</i>
	Steven Schiller <i>Schiller Consulting</i>	

A SPECIAL THANK YOU

to Dan Jacobson and the tens of thousands of Californians who knocked on doors, made phone calls, wrote letters, came to lobby days, gave money and otherwise participated in the campaign to pass SB100. This award is for you.



PREVIOUS AWARD RECIPIENTS

2003

Charles Warren
Former Chair, President, CEO
Alfred Alquist (1908-2006)
Former Senator
Byron Sher
Former Senator

2004

Jerry Brown
Governor
Vic Calvo (1924-2010)
Former Assemblymember
Gary Hart
Former Senator

2005

Jananne Sharpless
Former CARB & CEC
Commissioner
Charles Imbrecht
(1949-2000)
Former Commissioner &
Chair of the CEC, Former
Assemblymember
Robert Nichols
(1931-2005)
Alt. Fuels Ford Engineer

2006

Arthur Rosenfeld, PhD
(1926-2017)
Former CEC Commissioner
S. David Freeman
Municipal Utility Executive
Marco Firebaugh
(1966-2006)
Former Assemblymember

2008

Terry Tamminen
Former CalEPA Secretary
Jan McFarland
Co-Founder of CEERT
Bernadette Del Chiaro
Environment California
Sheryl Carter
NRDC

2009

John Geesman
John CEC Commissioner
Dr. Alan Lloyd
Former CalEPA Secretary &
ARB Chair
Bill Stall (1937-2008)
Pulitzer Prize Winning
Editorial Writer

2010

Robert T. "Hap" Boyd
(1939-2014)
Former Manager of US Gov't
Relations at GE Energy
Raymond J. Dracker
(1955-2010)
Senior VP of Proj Dev,
Solar Millennium
Carl A. Zichella
NRDC

2011

Joe Simitian
Former CA State Senator,
Chair, Senate Environmental
Quality Committee
John Fielder (retired)
CEO of Southern California
Edison
Steve Black
U.S. Department of Interior
Jane Scott
U.S. Department of Interior
Michael Picker
California Governor's Office
Manal Yamout
California Governor's Office

2012

Christine Kehoe
CA State Senator
Johanna Wald
NRDC
Carl Weinberg
Weinberg Associates

2013

Jon Wellinghoff
Chairman,
Federal Energy Regulatory
Commission
Dian Gruenich
Former Commissioner,
California Public Utilities
Commission
Lillian Kawasaki
(1950-2013)
Former Assistant General
Manager, Environmental
Affairs & Economic
Development, LADWP

2014

V. Manuel Perez
Assemblymember,
Riverside & Imperial Counties
Kip Lipper
Environmental & Energy
Advisor
California State Senate

Bob Anderson

(1943-2013)
Former Commissioner,
Montana Public Service
Commission

2015

Richard Maullin
Former Chair, CEC
Tom Hayden
(1939-2016)
Former California State
Senator
Hal Romanowitz
(1933-2014)
Wind Energy Pioneer

Virinder Singh
Director, Regulatory &
Legislative Affairs & EDF
Renewable Energy

2016

Senator Kevin de León
Senate President pro Tempore
David Olsen
Board of Governors,
California ISO
Martha
Guzman-Aceves
Deputy Legislative Secretary,
Office of the Governor

2017

Ricardo Lara
CA State Senator
Anne Baker
Deputy State Controller for
Environmental Policy
Jackalynne
Pfannenstiel
(1947-2017)
Former Chair, CEC

2018

Eduardo García
California Assemblymember,
District 56
Dr. James Walker
Senior Advisor for Political &
Policy Strategy,
EDF Renewables
Bonnie Holmes-Gen
American Lung Association
in California
James H. Caldwell Jr.
Technical Director, CEERT

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RANGE SALUTES THE CEERT 2019 CLEAN POWER CHAMPIONS



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