



2013 Annual Report



Center for Energy Efficiency and Renewable Technologies

From the Executive Director

2013 marked a turning point in California's drive toward the clean energy economy. With thousands of megawatts of solar and wind projects already under contract or construction, the state's utilities halted new renewable procurement. At the same time, California's energy agencies focused on meeting resource and reliability needs in Southern California created by the shutdown of the San Onofre Nuclear Station and the planned retirement of old coastal power plants.

In sustained advocacy before all the energy agencies, CEERT argued that California's clean energy and climate policies require new power procurements to be met by all cost-effective energy efficiency, demand response, and renewable resources before increasing the state's dependence on conventional natural gas plants.

Thanks to support for our positions from the environmental and environmental justice community, the California Public Utilities Commission affirmed that the state's Loading Order policy should shape the CPUC's Long-Term Procurement Plan, and that the end goal is to reduce fossil fuel consumption. This is a major step forward, and enables clean energy resources to be the foundation of California's future energy supply.

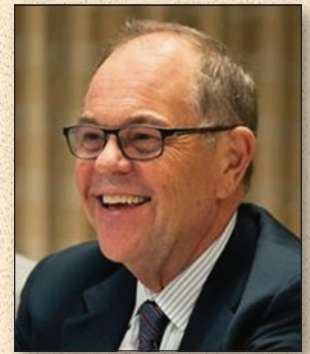
In order to expand market opportunities for renewables, energy efficiency, demand response, and energy storage, CEERT worked with CPUC Commissioner Mike Florio on pilot procurements of these resources to help meet the reliability needs of Southern California Edison and San Diego Gas & Electric. We also made a strong case for including large-scale, emission-free pumped storage in the Long-Term Procurement Plan.

CEERT continued to urge the CPUC and the California Independent System Operator to consider transmission expansions as a strategy to minimize California's dependence on conventional gas plants, and to encourage renewable development in low-conflict areas such as Imperial County and the West Mojave. CEERT also worked closely with Assemblymember Manny Perez and Senator Ben Hueso, Imperial County, and the Imperial Irrigation District to explore renewable development in Imperial as a strategy for helping fund restoration of the Salton Sea. And we helped broaden support for the new regional Energy Imbalance Market and for enhanced cooperation among grid Balancing Area Authorities.

CEERT strongly advocated that the California Air Resources Board's AB 32 Scoping Plan Update adopt ambitious greenhouse gas reduction targets for 2030 and 2050, and reduce short-lived but potent climate pollutants, especially methane emissions from gas and oil production and distribution.

California has demonstrated the feasibility and cost-effectiveness of deploying large quantities of renewable energy onto the California grid through the successful implementation of the 33% Renewable Portfolio Standard and the broader application of the Loading Order to minimize reliance on new natural gas plants. Our challenge now is to rapidly expand deployment of renewables and other clean energy resources as the primary means of affordably and sustainably meeting system reliability needs while achieving deep reductions in greenhouse gases.

V. John White
Executive Director



Our challenge now is to rapidly expand deployment of renewables and other clean energy resources as the primary means of achieving deep reductions in greenhouse gases.



Major Accomplishments of the Past Year

In 2013, CEERT:

- Developed recommendations that the California Public Utilities Commission (CPUC) adopted in a groundbreaking Long-Term Procurement Planning decision that, for the first time, authorized procurement of “preferred” clean energy resources to meet local capacity requirements in Southern California.
- Submitted formal comments that the CPUC followed in its decision on the investor-owned utilities’ 2013 Renewable Portfolio Standard Plans.
- Promoted public understanding and stakeholder support for the new regional Energy Imbalance Market, which will considerably expand opportunities for renewable energy.
- Submitted two proposals to a CPUC-Southern California Edison Living Pilot Symposium on preferred resources, calling for a procurement incentive for grid reliability benefits and a separate incentive for greenhouse gas (GHG) reductions.
- Urged the California Air Resources Board (CARB) to adopt a strong, effective 2030 GHG reduction goal, and proposed a Grid GHG Reduction Innovation Program to help double electricity-sector GHG reductions in the coming decade.
- Advocated that CARB and air pollution control districts put in place best available control technology guidelines to reduce leakage of methane, a potent climate-forcing pollutant, from landfills and from oil and natural gas extraction and distribution facilities.
- Filed an Application for Rehearing of a CPUC decision on a crucial segment of the Tehachapi Renewable Transmission Project. The decision on our application made clear the original order did not launch a new transmission policy that would be detrimental to renewable-energy project development.
- Urged the CPUC to maintain utility and retail demand response (DR) programs that have been the means of expanding this valuable resource, building customer confidence, and deepening understanding of its capabilities.
- Advanced arguments that helped persuade the CPUC to issue a revised decision requiring procurement of large-scale pumped storage to help meet Southern California local capacity requirements in the absence of the San Onofre Nuclear Generating Station.
- Helped create support from clean energy companies and environmentalists for local assistance grants to develop renewable energy and conservation general-plan elements for counties in the San Joaquin Valley and the Southern California desert.
- Worked closely with Los Angeles Department of Water and Power management on a bundled procurement of 125 megawatts (MW) of rooftop solar on large commercial and city buildings along with 250 MW of large-scale solar at an Antelope Valley site.
- Became a party to a new CPUC proceeding on vehicle-grid integration, including the use of electric vehicle (EV) batteries for demand response and energy storage, and organized meetings with automobile manufacturers and demand-response companies to explore opportunities for EVs to provide these crucial functions.

CEERT & Our Programs



CEERT's Priority Goals for the Coming Period:

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At CEERT's 2013 Clean Power
Champions Awards Ceremony
(See pages 14 & 15)

A CEERT ► Priority Goal for the Coming Period

CEERT is working to demonstrate to state regulators and policy-makers that clean energy options can meet a major portion of the electric grid's operating needs. And we are forcefully arguing that all energy procurements must follow the state's Loading Order policy mandate and emphasize clean "preferred resources" ahead of gas-fueled plants.

Building the Low-Carbon Grid in California & the West

CEERT has been focusing much of our time and energies on the critical needs of California's electric system in light of three key factors:

- The rapidly increasing penetration of variable wind and solar photovoltaic resources.
- The shutdown of the 2,246-megawatt (MW) San Onofre Nuclear Generating Station (SONGS).
- The pending retirement of 5,086 MW of "once-through-cooling" (OTC) gas-fired plants.

The mix of resources used to replace SONGS and the retiring OTC plants will define the shape of the California grid for the next half-century. These procurements can either be a once-in-a-generation opportunity to set up the California and Western regional system for a clean energy future, or make it extremely difficult to achieve a decarbonized grid in the years to come.

At issue is how much new conventional gas-fired capacity should be authorized, how much existing gas capacity should be retrofitted or retired, the extent to which transmission expansions and upgrades can reduce reliability needs, and the extent to which clean "preferred" resources can help minimize California's dependence on natural gas and its accompanying GHG emissions. "Preferred resources" include demand response, energy efficiency, and renewable generation.

In 2013, CEERT:

- Made recommendations that the California Public Utilities Commission (CPUC) adopted in its groundbreaking Final Decision in Track 1 of the Long-Term Procurement Planning rulemaking. That decision authorized Southern California Edison to procure at least 150 MW, and up to an additional 600 MW, of preferred resources to meet its Local Capacity Requirements. The decision was the first time the CPUC directed that a long-term need be met by any resource other than gas-fired generation. Commissioner Mike Florio informed CEERT that our advocacy was quite influential in the ultimate decision.
- Considerably broadened policymakers' understanding and support for the role that preferred resources can play in meeting local and system needs, and helped persuade an interagency task force to recommend in its report to the Governor that at least 50% of Southern California's reliability needs be met with preferred resources before expanding California's dependence on natural gas.
- Continued to advocate for improved coordination and resource-sharing among California Balancing Area Authorities, and helped to strengthen public understanding and stakeholder support for the new regional Energy Imbalance Market, which will considerably expand opportunities for renewable energy.
- Championed transmission upgrades and increased reliance on demand response and large-scale pumped storage to complement renewable resources and meet grid challenges. (See page 9.)

Expanding the Use of Renewable Energy

CEERT's renewables advocacy is responding to a major shift in the California energy sphere from a mandated Renewable Portfolio Standard (RPS) market to a framework that stems from the state's AB 32 climate targets and the imperative to deepen greenhouse gas (GHG) emission reductions. This shift requires the state regulatory agencies to adopt a more coordinated, unified approach to achieving renewables, climate, and grid-reliability goals simultaneously.

In 2013, CEERT:

- Urged the California Public Utilities Commission (CPUC) to confirm that the 33% RPS is not a ceiling on renewables procurement, and that the state's Loading Order requires all generation needs to first be met by renewable resources.
- Made recommendations that the CPUC followed in its Final Decision on the investor-owned utilities' (IOUs') 2013 RPS Plans. The ruling authorized RPS solicitations for each IOU, required continuing monitoring of Imperial Valley renewables procurement, and prohibited the IOUs from requiring unlimited curtailment in RPS contracts.
- Argued in Track 4 of the CPUC Long-Term Procurement Planning rulemaking that no additional fossil generation procurement be authorized in the wake of the San Onofre Nuclear Generating Station (SONGS) shutdown until the results of the California Independent System Operator's Transmission Planning Process are known, and that the CPUC renew its commitment to preferred resources to meet any identified post-SONGS need. The subsequent Track 4 decision largely upheld CEERT's positions.
- Argued that no basis exists to create separate RPS confidentiality rules that inappropriately burden and disadvantage renewables, compared with fossil resources.
- Submitted two proposals to the Living Pilot Symposium that the CPUC and Southern California Edison hosted on the role that preferred resources play in meeting the state's energy and climate goals. Our proposals called for a procurement incentive for grid reliability benefits and a separate incentive for GHG reductions.
- Proposed a transition approach for Resource Adequacy (RA) that would limit the use of any flexible capacity procurement mechanism initially, require evaluation of such a mechanism, and ensure inclusion of preferred resources in meeting any RA or flexible capacity need.

◀ A CEERT Priority Goal for the Coming Period

CEERT is pushing to expand California's renewables goals beyond the current 33%-by-2020 RPS target, to ensure fair consideration of renewables over fossil generation in key proceedings, to achieve greater diversity in renewables procurement, and to win proper valuation of renewable resources that have substantial benefits but higher initial cost.



A CEERT ► Priority Goal for the Coming Period

CEERT is working to help shape the California Air Resources Board's (CARB's) current updating of the AB 32 Scoping Plan and development of post-2020 climate goals that lay the groundwork for an 80% reduction in GHG emissions by 2050. We believe it is essential that CARB set an ambitious interim GHG-reduction goal for 2030, and that planning for meeting that goal begin as soon as possible.

Advancing California's Global Climate Leadership

California's internationally recognized Global Warming Solutions Act (AB 32) calls for the state to reduce greenhouse gas (GHG) emissions to 1990 levels by 2020.

We have met with California Air Resources Board's (CARB's) leadership and the Governor's office about the urgency of the state adopting the strongest feasible climate goals, and have submitted extensive comments to CARB and the California Energy Commission (CEC) supporting deep GHG reduction goals for the electricity sector and sharp cuts in short-lived but potent climate pollutants.

We are also working to integrate CARB's AB 32 proceedings and implementation with the CPUC's RPS, Long-Term Procurement Planning, and Resource Adequacy proceedings, the CEC's Integrated Energy Policy Report, and the California Independent System Operator's reliability forecasts and markets.

In 2013, CEERT:

- Urged CARB to adopt a strong, effective 2030 GHG-reduction goal.
- Urged CARB to develop a complete accounting of methane, black carbon, and other short-lived pollutants in order to directly regulate these powerful climate-forcing agents.
- Advocated that CARB and local air pollution control districts put in place best available control technology guidelines to reduce methane leakage from landfills and from oil and natural gas extraction and distribution facilities.
- Recommended that California consider setting up an Energy Efficiency Utility as a state-chartered nonprofit corporation, as Vermont and Delaware have done, and that the state extend current energy efficiency measures through the building and appliance programs.
- Urged adoption of a new program to reduce GHG emissions from the deployment and heating of water, which account for approximately 20% of the state's energy use.
- Proposed a new Grid GHG Reduction Innovation Program to address the need for doubled electricity-sector GHG reductions in the coming decade. The goal of the program is to jumpstart advanced technologies and preferred resources that can reduce GHG emissions but are not currently being deployed because of higher initial costs.



Advocating for Transmission Expansions, Demand Response & Large-Scale Storage

In our work to decarbonize the electric system, CEERT is championing three critical, cost-effective resources that can expand the use of renewable energy, reduce greenhouse-gas emissions, and solve grid reliability problems. Those resources are transmission expansions, demand response, and large-scale pumped storage.

Transmission additions and upgrades that increase imports of clean energy into key areas are an essential strategy for minimizing procurements of fossil-fueled generation to satisfy local and system needs. CEERT is working to focus attention on several proposed transmission expansions that could resolve reliability issues in the Los Angeles Basin and San Diego County.

Demand response (DR) programs use smart-grid technologies and economic incentives to allow ratepayers to lower their energy use during periods of high demand, and be compensated for doing so. CEERT seeks to strengthen existing DR programs while advocating for changes in DR procurement to help meet the grid's reliability and flexibility needs.

Large-scale pumped storage projects are fast-starting, quick-ramping, high-capacity resources that can help balance peak loads and enable preferred resources to contribute to local grid requirements. CEERT is a strong advocate for including large-scale pumped storage in CPUC procurement proceedings.

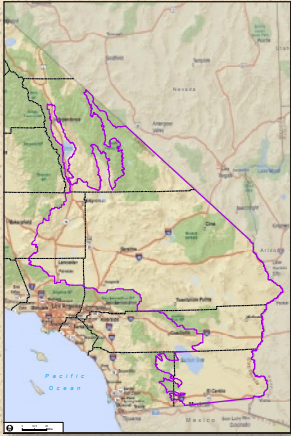
In 2013, CEERT:

- Filed an Application for Rehearing of a CPUC decision that permitted the costly undergrounding of a crucial segment of the Tehachapi Renewable Transmission Project. The decision on our Application improved certain of the worst aspects of the original order, and made clear that the earlier decision did not launch a new transmission policy.
- Advocated for the South of Kramer transmission line to access the West Mojave, the West of Devers line to East Riverside, the Midway Gregg line to the Central Valley, and a key new intertie in the Los Angeles Harbor area between the Southern California Edison and Los Angeles Department of Water and Power systems.
- Urged the CPUC to clearly define the attributes of various demand-response resources that qualify them as local capacity products, and to maintain utility and retail DR programs that have been the means of expanding this valuable resource, building customer confidence, and deepening understanding of its capabilities.
- Argued that the CPUC needed to authorize procurement of large-scale pumped storage in a timely manner, rather than ignore a technology that has commercially demonstrated viability and that could make a significant difference in meeting grid needs. The CPUC eventually issued a decision that was significantly revised, consistent with CEERT's position, to provide explicit next steps for considering pumped storage procurement.

◀ A CEERT Priority Goal for the Coming Period

CEERT is working to advance transmission expansions, demand response, and large-scale pumped storage in CPUC and CAISO processes, and to remove barriers to increased reliance on these essential resources.

Mediating in the Desert Renewable Energy Conservation Plan (DRECP) Process



The Southern California desert encompasses 22 million acres

The Desert Renewable Energy Conservation Plan (DRECP) will help determine how much land will be available for solar, wind, and geothermal projects on 22 million acres of Southern California desert. The DRECP is an unprecedented planning process involving multiple federal and state agencies and a wide range of stakeholders.

CEERT has played a leadership role throughout the complex, multiyear DRECP process, and has worked with preservationists, renewable developers, and the Renewable Energy Action Team agencies to build consensus positions on key issues. We are advocating for both the orderly build-out of renewable energy projects on suitable sites and the protection of fragile desert lands and endangered species.

In 2013, CEERT:

- Filed joint comments with the Large-Scale Solar Association on the draft DRECP alternatives.
- Served on the planning group that guided the development of California Energy Commission (CEC) workshops on key DRECP issues such as the durability of mitigation on federal lands, renewable energy needs in the DRECP area, and the DRECP's governance and finances.
- Worked with the Governor's office to convene a series of meetings with the renewable energy industry, utilities, and conservationists to discuss what was needed to get a workable DRECP Plan; CEERT's Anne Baker played a critical role with CEC Commissioner Karen Douglas in setting up those meetings.
- Met with agency staff several times and reached eventual agreement about correcting deficiencies in the DRECP's Gateway tool, which initially was weak on renewable energy analysis, did not include appropriate solar and wind resource data, and lacked the ability to adequately model DRECP alternatives.
- Worked with CEC Commissioner Douglas and the Governor's office to create support from clean energy companies and environmentalists for \$3.7 million in local assistance grants to develop renewable energy and conservation general plan elements for counties in the San Joaquin Valley and the DRECP planning area, which should provide more specificity to the private lands portion of the DRECP.
- Worked with the utilities, the solar industry, and conservationists to select an outside facilitator to improve communications for the development of a joint position on the DRECP once a draft Plan is released.

Solar and wind energy farm in Southern California



Promoting Clean Energy Development in Los Angeles and the Imperial Valley

CEERT continues our long-time work to reduce Southern California's dependence on fossil-fueled power and increase its reliance on clean energy resources. In addition to our regulatory advocacy to promote renewable energy and the building of a low-carbon grid for the region (see pages 6 and 7), we are particularly focusing on Los Angeles and the Imperial Valley.

In 2013, CEERT:

- Organized meetings with the recently appointed Los Angeles Department of Water and Power (LADWP) Ratepayer Advocate on the potential economic benefits and ratepayer savings that would result from increased sharing of LADWP's growing supply of in-basin capacity through minor transmission upgrades.
- Advocated for opportunities that LADWP and other municipal utilities have to replace expiring coal contracts with significant imports of low-cost wind power from Wyoming and Utah, rather than more gas-fired generation.
- Worked closely with LADWP management on a bundled procurement of 125 MW of rooftop solar on large commercial and city buildings along with 250 MW of large-scale solar on an Antelope Valley site; we helped bring prospective developers to the table to discuss how this unique combined bid could be structured to give the most value to LADWP customers through economies of scale in procurement, installation, and development of both categories of projects.
- Participated in a hearing on Salton Sea restoration, with CEERT's Executive Director John White discussing the challenges and opportunities for geothermal technologies in the Imperial Valley as a potential revenue source that could help save the sea.
- Supported a new agreement under which the Imperial Irrigation District (IID) Board allowed the CAISO to assume balancing authority for IID projects that export power to other California utilities.
- Advocated for a new transmission line from Imperial Valley to the San Onofre substation.



Imperial Valley's Salton Sea

Accelerating Clean Transportation

California's current and future climate goals require that we develop cleaner vehicles, which account for some 40% of the state's greenhouse-gas emissions. CEERT's Clean Transportation Program works to advance the deployment of electric and fuel-cell vehicles and to support the implementation of low-carbon fuel policies.

In 2013, CEERT:

- Participated in a strategic planning effort to defend California's Low-Carbon Fuel Standard.
- Served on the organizing committee for the Governor's Summit on Plug-in Electric Vehicles, which convened California's leading CEOs for a roundtable discussion with Governor Brown on ways California companies can help build the market for electric vehicles (EVs) through their fleet and employee policies.
- Became a party to a new CPUC proceeding on vehicle-grid integration, including the use of EV batteries for demand response and energy storage, and organized meetings with automobile manufacturers and demand-response companies to explore opportunities for EVs to provide these valuable functions.
- Participated in the Zero-Emission Vehicle Action Plan workgroup that produced the state's "Vehicle-Grid Integration Roadmap," which outlines ways to integrate EVs that maximize benefits to the grid and to the consumer.
- Continued to serve on the Advisory Committee for the Alternative and Renewable Fuel and Vehicle Technology (ARFVT or AB 118) Program, which develops the Program's annual Investment Plan. For 2013-2014, the Investment Plan allocated \$12 million for deployment of light-duty EVs and their charging infrastructure, \$15 million for demonstration and deployment of advanced-technology medium- and heavy-duty vehicles, and \$20 million for hydrogen fueling infrastructure for fuel-cell vehicles.
- Worked with CARB and the CEC to ensure that the agencies closely integrated their work on the 2050 Vision for Clean Air, revisions to the Low-Carbon Fuel Standard, updates to the ARFVT Program, and the 2013 Integrated Energy Policy Report.



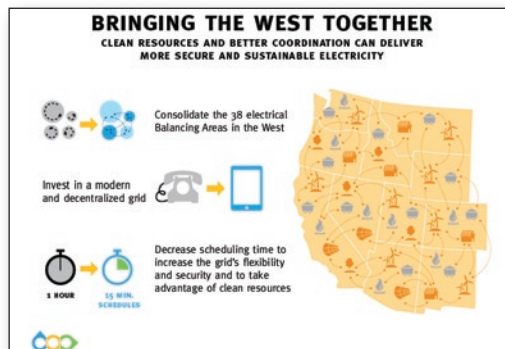
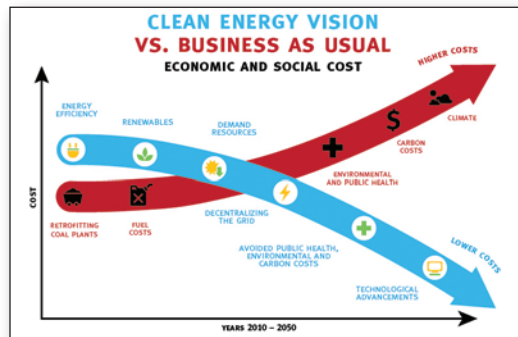
Electric cars at a recharging station

Western Grid Group

Western Grid Group (WGG) promotes an orderly transition to clean energy, working with Public Utility Commissions, Governors and utility companies across the western U.S. WGG operates as a fiscally sponsored project of CEERT and is staffed by former commissioners, state energy officials, and national laboratory managers.

In 2013, WGG:

- Succeeded in having the Regional Transmission Expansion Project of the Western Electricity Coordinating Council (WECC) use WGG's Clean Energy Vision resource mix as the predominate scenario it studied in its 10- and 20-year transmission planning. WGG trained a slate of public interest and environmental stakeholders who participated in the process.
- Parlayed its groundbreaking Coal Retirement Study Case, which WECC completed, into numerous other clean energy studies. Three organizations, including the Western Interstate Energy Board (WIEB), submitted study requests to WECC that built on the WGG coal case.
- Coordinated action agendas with leading national and regional organizations on West-wide clean energy development issues through Western Clean Energy Advocates. <http://www.westerngrid.net/wcea/>
- Advocated for a regional Energy Imbalance Market through filings, direct engagement with public utility commissions and utilities, and public support at regional forums. In 2013 PacifiCorp and CAISO announced plans to go live with an imbalance market platform in October 2014. Nevada Energy is expected to join in 2015.
- Provided technical expertise on a wide range of studies and participated in advisory committees for WIEB, U.S. Department of Energy, and National Renewable Energy Laboratory on improving clean energy integration practices and electric system performance.



WGG dedicates our work to our colleague, Bob Anderson, who perished in a tragic accident after climbing Mount Kilimanjaro to mark his 70th birthday. We greatly miss Bob's expertise in WECC, deep relationships with key utility and regulatory players, and skills as an advocate.



Left to right – Doug Larson, Western Interstate Energy Board, Gary Graham, Western Resource Advocates, Roger Hamilton, Ron Lehr, Amanda Ormond, Dave Olsen (formerly Managing Director) and Bob Anderson, Western Grid Group

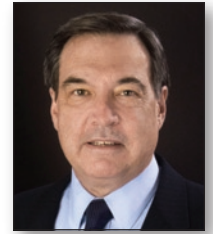
2013 Clean Power Champions

At our tenth annual Clean Power Champion Awards Ceremony on September 9, 2013, CEERT honored Jon Wellinghoff, Dian Grueneich, and the late Lillian Kawasaki for their enduring vision and leadership in expanding clean energy.

Jon Wellinghoff

Jon Wellinghoff was appointed to the Federal Energy Regulatory Commission in 2006, and served as Chairman from 2009 to 2013. Earlier, he was Nevada's Consumer Advocate for two terms, and authored that state's Renewable Portfolio Standard and its integrated resource planning statute.

At FERC, Chairman Wellinghoff helped enable renewable, distributed, and demand resources to participate effectively in wholesale electricity markets. He created FERC's Office of Energy Policy and Innovation to promote efficient new technologies and practices, such as local storage systems. And he negotiated a Memorandum of Understanding between FERC and China's National Energy Administration to share best practices and increase cooperation between U.S. and Chinese enterprises.



Dian Grueneich

Dian Grueneich served on the California Public Utilities Commission from 2005 to 2010. During her tenure as a CPUC Commissioner, Dian oversaw a 40% expansion of California's energy efficiency funding, resulting in a 3-year, \$3.8 billion program, the largest in the country. She helped initiate the California Renewable Energy Transmission Initiative, and oversaw the successful permitting of three major new transmission lines to carry renewable energy, resulting in \$6 billion in new energy infrastructure.

Since leaving the CPUC, Dian has served as a member of the U.S. Department of Energy Electricity Advisory Committee, the Advisory Council of Stanford University's Precourt Energy Institute, the Advanced Energy Economy Advisory Board, and the Leadership Council of the China-U.S. Energy Efficiency Alliance.



Lillian Kawasaki (1950-2013)

From 1990 to 2000, Lillian Kawasaki was the first general manager of the City of Los Angeles Department of Environmental Affairs – and the first Asian-American to be appointed a department chief. During that period she launched a clean air plan, an environmental justice program, and an initiative to clean up brownfield toxic sites. In 2003, Lillian became Assistant General Manager for Environmental Affairs at the Los Angeles Department of Water and Power, where she directed the Green LA program, which encouraged businesses to invest in renewable energy.

After her retirement in 2008, she was a board member of the Water Replenishment District of Southern California and a co-founder of a volunteer organization that supports the historic Manzanar internment camp site, where her parents were incarcerated along with thousands of other Japanese Americans during World War II.



Clean Power Champions Awards Benefit



CEERT Director of Operations John Shahabian and Board member Rey León



2013 Clean Power Champions Jon Wellinghoff and Dian Grueneich with CEERT Executive Director John White



CEERT Senior Advisor Anne Baker and Project Coordinator Kimber West



CEERT Board Chairman Jonathan Weisgall



Craig Carter, husband of 2013 Clean Power Champion Lillian Kawasaki (1950-2013)



Jon Wellinghoff



Dian Grueneich



CAISO Board of Governors member Dave Olsen



State Water Resources Control Board Chair Felicia Marcus



CEERT Board member Roby Roberts, NRDC Senior Attorney Johanna Wald and California Air Resources Board Chair Mary Nichols



Molly Deringer and Darcy Wheelers of California Environmental Associates and CEERT Senior Technical Consultant Jim Caldwell



Craig Carter and John White



CEERT Financial Statement December 31, 2013

Balance Sheet

Assets

Current Assets	\$	770,260
Fixed Assets	\$	20,988
Total Assets	\$	791,247

Liabilities & Equity

Current Liabilities	\$	154,630
Restricted Net Assets	\$	606,594
Fund Balance	\$	30,024
Total Liabilities & Equity	\$	791,247

Program Operations

Expenses by Program

Core Renewable Energy Advocacy	\$	591,235	38.20%
CPUC RPS Intervention	\$	147,766	9.50%
Demand Response & System Needs	\$	111,184	7.20%
Cleaner Fuels - Zero Emission Vehicles	\$	27,196	1.80%
Low Carbon Grid	\$	12,178	.80%
Coal Reduction	\$	22,790	1.50%
Climate Policies	\$	30,897	2.00%
Desert Renewable Energy Planning	\$	145,722	9.40%
Subtotal, Core Operations Expenses. . .	\$	1,088,966	70.40%

Sponsored Projects

Western Grid Group	\$	429,337	27.70%
Latino Environmental Advancement	\$	29,162	1.90%
Carbon Zero Institute	\$	3,390	.20%
Subtotal, Sponsored Expenses	\$	458,499	29.60%
Total Program Expenses	\$	1,547,466	100.00%

CEERT Program & Administrative Expenses

Program Expenses	\$	1,547,465	75.20%
Administrative & Fundraising	\$	510,051	24.80%
Total Organizational Expenses	\$	2,057,516	

Board of Directors

Jonathan Weisgall, *Chairman*
MidAmerican Energy Holdings Company

Ralph Cavanagh, *Vice Chairman*
Natural Resources Defense Council

Kevin Lynch, *Secretary*
Iberdrola Renewables

James Caldwell, Jr.
Utility and Power Systems Consultant

Kim Delfino
Defenders of Wildlife

Diane Fellman
NRG Energy

Rich Ferguson
At Large

Anders Glader
Element Power

Arthur Haubenstock
Perkins Coie LLP

Bonnie Holmes-Gen
American Lung Association of California

Rey León
Latino Environmental Advancement & Policy
Institute

Bill Magavern
Coalition for Clean Air

Jim Marston
Environmental Defense Fund

Jan McFarland
At Large

Tandy McMannes
Abengoa Solar, Inc.

Marc Peterson
GE Power & Water

Roby Roberts
EDP Renewables

Steven Schiller
California Energy Efficiency Industry Council

Rachel Shimshak
Renewable Northwest Project

Tom Starrs
SunPower Corporation

Mona Tierney-Lloyd
EnerNOC, Inc.

Jim Walker
EDF Renewable Energy

Laura Wisland
Union of Concerned Scientists

Carl Zichella
Natural Resources Defense Council



Commissioners Janea Scott and Karen Douglas of the California Energy Commission meet with CEERT board members and affiliates at the CEERT office



Affiliates

8minutenergy Renewables
Abengoa Solar, Inc.
American Wind Energy Association
BrightSource Energy, Inc.
California Center for Sustainable Energy
California Solar Energy Industries Association
Clean Line Energy Partners
Comverge
EDF Renewable Energy
EDP Renewables
EnerNOC, Inc.
EnergySource
Environmental Defense Fund
FloDesign Wind Turbine Corp.
GE Wind Energy
Geothermal Resources Council
Iberdrola Renewables
Itron, Inc.
MidAmerican Energy Holdings Company
NRG Solar
Natural Resources Defense Council
Recurrent Energy
Renewable Northwest Project
Sacramento Municipal Utility District
SunPower Corporation
Terra-Gen Power
Union of Concerned Scientists

Staff

V. John White
Executive Director

John Shahabian
Director of Operations

Sara Steck Myers
Regulatory Counsel

Rich Ferguson
Director of Research (semi-retired)

Anne Baker
Senior Advisor

James Caldwell, Jr.
Senior Technical Consultant

Jan McFarland
Senior Consultant

Rhonda Mills
Senior Consultant for Special Projects

John Shears
Research Consultant

Megan Myers
Associate Regulatory Attorney

Ali Ehlen
Clean Energy Fellow

Nicole Ochoa
Southern California Program Associate

Kimber West
Project Coordinator

Tehya Wood
Policy Assistant

Peter Stern
Development Director

Fran Prisco
Controller

Heather Taylor
Operations Assistant

Ryan Drobek
Consultant

Left: CEERT Senior Advisor Anne Baker and Board Vice Chairman Ralph Cavanagh

Right: CEERT Regulatory Counsel Sara Steck Myers and Board Chairman Jonathan Weisgall



Funders

Energy Foundation
Environmental Defense Fund
Eucalyptus Foundation
Friedman Family Foundation
Heising-Simons Foundation
William and Flora Hewlett Foundation

Donors

Juliette Anthony
Jane Baker
Drew Bohan
Ralph Cavanagh
Chris Chouteau
Michael Coates
Helen Cohen and Mark Lipman
Steve Cohen
Henry and Glenda Corning
Frank DeRosa and Janice Roudebush
Jerome Dodson
Kathleen Drakulich
Karen Edson
Candice Eggers
Milton Estes
Fred and Jocelyn Euphrat
Phyllis Friedman
Doré Selix Gabby
Penny Gerbode
Susan Haldeman
Spencer Hanes
Arthur Haubenstock
and Amy Whiteside
Laurie Ten Hope
Mary James
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