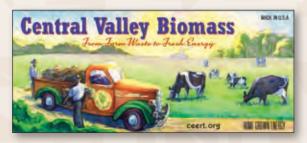


Imperial Geothermal Energy From the Earth CCEPT.OFS











About CEERT

The Center for Energy Efficiency and Renewable Technologies (CEERT) is a partnership of major environmental groups and clean-energy companies. Since our founding in 1990, we have designed and advocated for policies that advance clean, renewable energy and climate solutions for California and the West.

CEERT's team of professional staff, active board members, expert consultants, and clean-technology and environmental affiliates carry out our work through a set of focused advocacy programs. We act as participants and intervenors before all the major governmental energy, climate, and air-quality agencies.

By bringing together policymakers, environmentalists, and the business community to achieve progress on critical policy issues, CEERT is speeding up the transition to the clean-energy economy of the future.

From the Executive Director

In 2014, CEERT expanded our vision of a sustainable, affordable, and reliable low-carbon electricity grid as the foundation of California's achieving its 2030 and 2050 greenhouse gas (GHG) reduction targets.

We continued our cutting-edge advocacy at the California Public Utilities Commission (CPUC) on integrating renewable energy into the state's long-term procurement plan, emphasizing that renewables and other preferred resources are fully capable of providing grid reliability services, and of minimizing GHG emissions and the price volatility of natural gas.

CEERT was a key participant and negotiator in the path-breaking settlement before the CPUC on the future of demand response. The settlement was the product of long negotiations with numerous parties, but when fully implemented, it has the potential to change the regulatory and market landscape, and enable utility customers to supply greater flexibility and reliability to the grid.

In late 2013, concerns surfaced about the ability of the California grid to handle deeper penetrations of renewables, especially solar. Issues such as overgeneration, renewables curtailment, and possible adverse effects on grid reliability created uncertainty about the wisdom of expanding the 33% renewable portfolio standard.

CEERT organized an unprecedented coalition of clean energy companies and philanthropic foundations to design and carry out the 2030 Low Carbon Grid Study with the National Renewable Energy Laboratory and support from the U.S. Energy Information Administration. Phase I of the study was completed in August 2014, with final results due in August 2015. We believe that this important work helped encourage Governor Brown and his Administration to move ahead with aggressive GHG reduction targets for 2030 and 2050, along with expanded renewable development.

Minimizing GHG emissions and phasing out fossil fuel will require advance planning. Grid operators must start such planning now, and they must change longstanding habits of relying on combustion sources first. They must operate the system as a blending of complementary resources, with a focus on GHG reduction. There are challenges on the road ahead, but they are manageable: most of the pieces needed to meet the Governor's renewable and GHG goals are in place or close at hand, and have modest costs.

California will need a diverse, balanced renewable energy portfolio that takes advantage of our unique resources, as well as low-cost renewables in neighboring states. Expanding two-way trade with our neighbors and the emerging regional energy market will help spread costs and variability. In the near future, we will want to charge electric vehicles and make hydrogen for fuel cells in the middle of the day, and reduce our demand for power when the sun goes down. Strategic investments in bulk storage will allow us to park surplus renewable energy for times of low supply, and provide flexibility to the grid without burning fossil fuels.

California is on its way to a low-carbon grid and a new energy economy, charting a path forward that other states and countries can follow. We at CEERT are excited to be part of the journey.

V. John White Executive Director

The Year's Major Accomplishments

In 2014, CEERT:

- Sponsored and staffed a Low-Carbon Grid Study that showed the state could cut its electricity sector's carbon footprint in half by 2030 with minimal rate impact and no compromise of grid reliability. We believe the Study's Phase I results were a critical factor enabling Governor Brown to set ambitious new climate and clean-energy goals for the state.
- Won recognition in the California Public Utilities Commission (CPUC) Energy Division's assessment of utilities' renewable generation need that the state's Renewable Portfolio Standard (RPS) law had changed and a ceiling on RPS procurement no longer exists.
- Influenced the CPUC to rely on expected transmission improvements to reduce the amount of Southern California utilities' energy procurements required to meet local need, and to permit the remaining need to be met in part by energy efficiency, demand response, and renewable generation as a means of furthering the state's greenhouse-gas emission reduction goals and lessening the need for additional fossil-fueled power.
- Won recognition in a CPUC initial guidance decision for CEERT's positions on avoiding unnecessary segregation of demand-response (DR) resources or categorizing them before their attributes have been clearly defined — positions that we argued in order to enhance the role of DR in meeting the state's resource-planning needs.
- Supported transmission expansions to enable more exports to the statewide grid of renewable energy from the Central Valley — particularly from agricultural bioenergy projects and from large-scale solar installations on disturbed, unproductive farmland.
- Helped bring about a strengthened section on methane and other potent, short-lived climate pollutants in the final version of the California Air Resources Board's AB 32 Scoping Plan Update.
- Led the effort to obtain \$7 million in state funding for county governments in the Desert Renewable Energy Conservation Plan (DRECP) planning area to draft renewable energy and conservation elements for their general plans.
- Helped the Imperial Irrigation District plan the Salton Sea Restoration and Renewable Energy Initiative, which will be key to developing clean-energy resources in the area.
- Advocated as a member of the Low-Carbon Fuel Standard (LCFS) 2014 Review Committee for innovations that would increase the LCFS's flexibility, and supported cost-containment provisions to protect consumers from any price spikes in fuel.

CEERT's Programs

From the Executive Director
The Year's Major Accomplishments
Building the Low-Carbon Grid
Expanding the Use of Renewable Energy
Advancing California's Trailblazing Climate Policies
Advocating for Demand-Side Resources, Bulk Storage and Transmission Expansions 9
Mediating in the Desert Renewable Energy Conservation Plan (DRECP) Process 10
Promoting Clean Energy Development in Los Angeles and the Imperial Valley
Accelerating Clean Transportation
Western Grid Group
Clean Power Champions Event
Financial Statements
Board, Affiliates and Staff
Funders and Donors



Michael Picker, now President of the California Public Utilities Commission, speaks at CEERT's 2014 Board Retreat

Building the Low-Carbon Grid

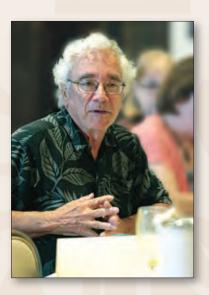
CEERT believes that reaching a clean-energy future hinges on establishing that renewables, energy efficiency, demand response, transmission expansions, bulk storage, and other low-carbon technologies and strategies can together meet the grid's local and system requirements.

We are working to reform grid practices that prevent clean-energy resources from fulfilling the electric system's reliability needs and emission-reduction goals at reasonable cost.

In 2014, CEERT:

- Sponsored and staffed a Low-Carbon Grid Study (LCGS) with a 2030 greenhouse gas (GHG) emissions target of 50% below 2012 levels, which would put California on a trajectory to reduce GHG emissions 80% by 2050. LCGS Phase I results showed the state can cut its electricity sector's carbon footprint in half with minimal rate impact and no compromise of grid reliability. (See LowCarbonGrid2030.org.) The LCGS Steering Committee comprises over 30 companies, trade associations, and foundations; the National Renewable Energy Laboratory, General Electric, and JBS Energy are conducting the modeling and additional analysis. We believe the Study's Phase I results were a critical factor enabling Governor Brown to set ambitious new climate and clean-energy goals for the state.
- Worked to ensure that the California Independent System Operator's (CAISO's) Flexible Resource Adequacy Criteria/Must-Offer Obligation (FRACMOO) initiative would not overprocure conventional gas-fired power and crowd out cost-effective low-carbon resources.
- Argued that the Salton Sea Authority Plan for Sea restoration, which calls for development of 1,400 megawatts (MW) of geothermal resources, is a key element of state policy that needs to guide the CAISO's Transmission Plan.
- Had two CEERT Board members, Kevin Lynch of Iberdrola Renewables and Carl Zichella of Natural Resources Defense Council, appointed to a CAISO Advisory Committee on future governance of the multi-state Energy Imbalance Market, which will substantially increase regional opportunities for renewable energy.

CEERT Senior Technical Consultant Jim Caldwell and CEERT Clean Energy Fellow Ali Ehlen are leading the trailblazing 2030 Low-Carbon Grid Study





Expanding the Use of Renewable Energy

Over the past year CEERT continued our vigorous advocacy for an expanded renewable energy portfolio, adherence to California's Loading Order mandate, greater diversity in the types of renewables that utilities procure, and fair valuation of renewables' multiple benefits.

We are working hard to implement Governor Brown's new, far-reaching 50%-renewables-by-2030 goal, and to demonstrate to regulators and policymakers that high levels of renewable resources can meet the grid's reliability and flexibility needs with the lowest possible GHG emissions.

In 2014, CEERT:

- Influenced the California Public Utilities Commission (CPUC) to rely on expected transmission improvements to reduce the amount of Southern California utilities' energy procurements required to meet local need, and to permit the remaining need to be met in part by energy efficiency, demand response, and renewable generation as a means of furthering the state's GHG emission reduction goals and lessening the need for additional fossil-fueled power.
- Won recognition in a CPUC Energy Division assessment of utilities' renewable generation need that the state's Renewable Portfolio Standard (RPS) law had changed and a ceiling on RPS procurement no longer exists.
- Objected to further delay in the CPUC's overhaul of the Least-Cost Best-Fit procurement criteria, to the isolation of the RPS program from other energy planning and procurement processes, to the ongoing failure to properly value renewable resources from the Imperial Valley, and to a pervasive lack of transparency in utility procurement decisions.
- Advocated for reform of the RPS Calculator, and filed critical Comments on a CPUC Energy Division proposal that neglected to note limitations in the Calculator's original purpose, and that proposed using the Calculator inappropriately to plan future renewables procurement.
- Supported a Southern California Edison proposal to include a renewable energy product in its 2014 Bundled Procurement Plans, and restated our longstanding position that the overdue integration of renewables into long-term procurement is required for compliance with the state's Loading Order policy mandate and AB 327.
- Filed Comments on the preliminary scope of the CPUC's new Resource Adequacy (RA) rulemaking to ensure recognition that the Commission has only adopted a flexible capacity framework on an "interim" basis, and that data collected during the 2015 2016 RA compliance years will be used to refine that framework before any final mechanism is adopted.



CEERT Regulatory Counsel Sara Steck Myers and Associate Regulatory Attorney Megan Myers advocate before the CPUC for fair treatment and valuation of clean energy resources

Advancing California's Trailblazing Climate Policies

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. CEERT and our allies are urging the Governor and the California Air Resources Board (CARB) to institute a binding, enforceable goal of 50% GHG reductions from current levels by 2030.

Reaching this goal requires doubling the current rate of GHG reductions, and hinges on achieving substantial emission cuts in the energy, buildings, and transportation sectors.

The CEERT Climate Action Program works to integrate the push for strong 2030 and 2050 goals with a power-sector strategy that emphasizes redesigned system management, stepped-up procurement of a diverse portfolio of clean resources, and a modernized gas fleet that enhances flexibility while minimizing GHG emissions.

In 2014, CEERT:

- Urged that CARB's draft Update of the AB 32 Scoping Plan contain metrics for measuring success at reducing GHG emissions and identify a goal and implementation path beyond 2020.
- Helped bring about a strengthened section on potent, short-lived climate pollutants in the final version of the Scoping Plan Update. We were notably successful in our push for a robust provision on black carbon (soot) reductions.
- Urged CARB to account for methane on a lifecycle basis by establishing an inventory that quantifies methane emissions by source and by impacts on climate change and air quality, including accurate measurement of natural gas production and use and the extent of leaks from drilling and distribution pipelines.
- Advocated for agricultural practices that reduce GHG emissions and increase carbon sequestration.

Recommended that CARB expand its public outreach on the many co-benefits of strong climate

action in environmentaljustice communities, and that it consider strategic investment of cap-andtrade auction proceeds in those communities.



Mary Nichols, Chair of the California Air Resources Board, discusses the state's climate goals at CEERT's 2014 Board Retreat

Advocating for Demand-Side Resources, Bulk Storage and Transmission Expansions

CEERT is working in CPUC and CAISO proceedings to advance demand-side resources (including energy efficiency, demand response, and distributed generation), large-scale storage, and transmission expansions — all crucial strategies for expanding the use of clean energy and ensuring the reliability of a low-carbon grid.

Demand response (DR) programs compensate utility customers for lowering their electricity use during periods of high demand. CEERT seeks to strengthen existing DR programs while advancing new structures and incentives that will significantly increase DR usage in California.

Large-scale energy storage projects help balance peak loads and enhance clean-energy resources' ability to meet the needs of the grid. CEERT is vigorously advocating for bulk storage in CPUC procurement rulemakings.

CEERT's championing of transmission expansions to tap prime renewable resource areas is an essential focus of our low-carbon grid work — one that requires patient, persistent advocacy for planning and permitting key new lines and upgrades over a prolonged period of time.

In 2014, CEERT:

- Won recognition in a CPUC initial guidance decision for CEERT's positions on avoiding unnecessary segregation of demand-response resources or categorizing them before their attributes have been clearly defined — positions that we argued in order to enhance the role of DR in meeting the state's resource-planning needs.
- Successfully advocated that the CAISO Transmission Planning report include an upgrade
 of Southern California Edison's (SCE's) Mesa Substation to 500 kV, which will supply localcapacity benefits at three times the cost-effectiveness of new or repowered gas-fired plants.
- Backed plans for a new transmission line that would connect Imperial Valley geothermal and other renewable resources to the SCE grid, and worked with SCE, the CAISO, and solar developers to win approval of the South of Kramer line to serve solar thermal resources in the West Mojave renewable development zone.
- Supported transmission expansions to enable more exports to the statewide grid of renewable energy from the Central Valley — particularly from agricultural bioenergy projects and from large-scale solar installations on disturbed, unproductive farmland.
- Helped persuade the CPUC that bulk storage facilities should be included with preferred resources in the Long-Term Procurement Plan (LTPP) Local Capacity Requirement procurement authorized for SCE and San Diego Gas & Electric.

Mediating in the Desert Renewable Energy Conservation Plan Process

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 conservationists, renewable developers, and government agencies to build consensus on key issues. We continue to advocate for both the build-out of renewable energy projects on suitable sites and the protection of fragile desert lands and endangered species.

In 2014, CEERT:

- Began to review the 8,000-page draft DRECP, which was released in September, and is notable for its lack of clarity. The governance structure and funding for implementation are not detailed, transmission planning is not well integrated, and an integrated permitting or monitoring pathway is missing. About 75% of the land that CEERT and the Large-Scale Solar Association (LSA) proposed for development is in a proposed preferred development focus area (DFA).
- Advocated for a DFA on public lands in the West Mojave that have the highest solar insolation in the United States but contain some overlap with Mojave ground squirrel habitat. The preferred alternative in the draft DRECP proposes some of the West Mojave for DFA consideration, but actually getting that area fully included in a DFA will take significant additional work.
- Met with agency staff several times in early 2014 about deficiencies in the DRECP's Gateway tool, and gained agreement on ways to include layers of solar insolation and slope data, parcelization, and the DFAs that CEERT and LSA had proposed.
- Led the effort to obtain \$7 million in state funding for county governments in the San Joaquin Valley and the DRECP planning area to draft renewable energy and conservation elements for their general plans, which will provide more specificity to the private-lands portion of the DRECP.
- Helped the California Desert and Renewable Energy Working Group enable conservationists and renewable energy developers to craft joint positions on the draft DRECP's most important facets.

U.S. Secretary of the Interior Sally Jewell and CEERT Senior Advisor Anne Baker at the September 2014 event marking the release of the draft Desert Renewable Energy Conservation Plan

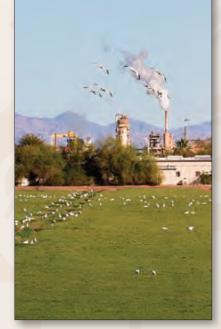


Promoting Clean Energy Development in Los Angeles and the Imperial Valley

CEERT is working to reduce Southern California's dependence on fossil-fueled power and increase its reliance on clean energy, with a particular focus on Los Angeles and the Imperial Valley.

In 2014, CEERT:

- Called for an overhaul of the CAISO's outdated Maximum Import Capability (MIC) allocation methodology, which results in new Imperial Valley renewable imports being denied deliverability and thus becoming ineligible to receive resource-adequacy payments, even though they provide capacity to the California grid. CEERT, the Imperial Irrigation District (IID), and other parties are forming a political and technical coalition to force this issue within the CAISO Transmission Planning Process.
- Discussed the Desert Renewable Energy Conservation Plan (DRECP) with officials from Imperial County and IID, which wants to ensure that the final Plan includes the Salton Sea Known Geothermal Resource Area. A draft map includes enough Imperial Valley acreage to reach the DRECP goal of 7,000 MW, of which 2,500 MW represents geothermal resources for export from Imperial County.
- Helped IID with the planning of the Salton Sea Restoration and Renewable Energy Initiative, which will be key to developing clean-energy resources in the area.
- Held discussions with Los Angeles' Deputy Mayor and its Sustainability Officer about LA's plans for clean energy and climate targets, including coal retirements, geothermal development, and distributed and large-scale solar.
- Met with the Los Angeles Department of Water and Power's new General Manager and other top LADWP officials about geothermal development in Imperial and wind imports from Wyoming as parts of a long-term strategy to replace LA's retiring out-of-state coal capacity with investments in renewables, efficiency, and storage.



A geothermal plant co-exists with a flock of snow geese at the Sony Bono National Wildlife Refuge in Imperial County

Accelerating Clean Transportation

California's current and future climate goals require that we develop cleaner vehicles, which account for nearly 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 2014, CEERT:

- Advocated as a member of the Low-Carbon Fuel Standard (LCFS) 2014 Review Committee for several innovative approaches that will increase the LCFS's flexibility, and supported costcontainment provisions to protect consumers from price spikes in fuel that might result from any future LCFS credit shortfalls.
- Established a working group at the California Fuel Cell Partnership that is exploring the integration of hydrogen production during periods of peak power generation on the low-carbon grid, and the role that hydrogen can play as a transportation fuel or as a form of energy storage for use in times of high demand.
- Continued to serve on the Advisory Committee for the Alternative and Renewable Fuel and Vehicle Technology (AB 118) Program, which develops the Program's annual Investment Plan. For 2014, the Investment Plan allocated \$20 million in funding for electric vehicles and charging infrastructure and \$20 million for hydrogen fueling infrastructure for fuel-cell vehicles.
- Helped organize a cellulosic fuels conference with key stakeholders from industry, academia, nonprofit organizations, and federal and state regulatory agencies; topics included the industry's current status, feedstock availability, and the sustainability of agricultural biofuel production.
- Successfully encouraged automobile manufacturers to participate in several CPUC proceedings on electric vehicles, with individual car companies, the Alliance of Automobile Manufacturers, and the Association of Global Automakers subsequently becoming parties to the proceedings.



Recharging an electric vehicle

Western Grid Group

Western Grid Group is a fiscally sponsored poject of CEERT that works to develop and implement policies promoting a Clean Energy Vision for the West (www. cleanenergyvision.org). Those policies:

- Improve the efficiency of the grid through technology, operations and market changes to provide near-term access for clean power;
- Ensure system planning incorporates all cost-effective energy efficiency, dynamic load resources and distributed generation, and minimizes environmental impacts; and
- Expand the grid to access and deliver renewable energy, minimize lifecycle greenhouse gas emissions, and enhance system reliability.

In 2014, WGG:

- Completed Balancing Market Opportunities in the West: How participation in an expanded balancing market could save customers hundreds of millions of dollars. This Energy Imbalance Market (EIM) study for Southwestern utilities quantified the EIM's reliability benefits for the first time in "Value of Lost Load" analysis. The report is bolstering advocacy for Arizona Public Service joining the EIM.
- With Western Resource Advocates, shaped a Western Electricity Coordinating Council (WECC) transmission analysis initiating the first West-wide study of climate impacts on water and energy; commenced a WECC study of system flexibility and reliability needs; advised a WECC analysis of the impacts of EPA's proposed carbon rule on coal retirement; and ensured that modeling assumptions for WECC's study work are accurate. These studies show that higher penetrations of clean energy will be reliable if operational reforms and technology improvements are initiated.
- Shaped and supported independent formative reliability study work that will build regional clean energy, including the Western Wind and Solar Integration Study's Phase III, the California Low Carbon Grid Study, and WECC coal retirement study cases.
- Led and educated Western Clean Energy Advocates, the largest western network of clean energy advocates, on reliability strategies, expanding regional coordination, and transmission and land planning for clean energy development.
- Started work with CEERT, CalWEA, and others to support regional cooperation and regional market access as California moves toward more aggressive carbon reductions.
- Influenced Western regulators and stakeholders through interaction with Western Interstate Energy Board staff on renewable integration rates, new business models, EIM, and transmission ratings.

WGG icons for the issue-areas that its Clean Energy Vision work addresses: Climate, Cost, Economy/Jobs, Energy Security, Public Health, Water/Lands.













Clean Power Champions

At our eleventh annual Clean Power Champion Awards Ceremony on May 12, 2014, CEERT honored V. Manuel Pérez, Kip Lipper, and the late Bob Anderson for their leadership, achievements, and distinguished public service in expanding clean, renewable energy.



Assemblymember V. Manuel Pérez

As Chair of the Assembly Select Committee on the Renewable Energy Economy in Rural California, Assemblymember Pérez held hearings throughout the state to create policy that facilitated California's renewable energy goals, environmental protection, job creation and retention, and economic outcomes in rural communities.

Assemblymember Pérez was instrumental in streamlining the siting and permitting process for renewable energy projects in the Desert Renewable Energy Conservation Plan area, secured \$2.3 billion in clean-tech economic recovery bonds, expanded the state's Capital Investment Incentive Program to include renewable energy components, extended the Self-Generation Incentive Program to support installations of wind turbines, fuel cells, and energy storage technologies, and developed a governance model for Salton Sea restoration planning and renewable energy development.



Kip Lipper

As an advisor and policy consultant to the California Legislature for more than 35 years, Kip Lipper has drafted and negotiated most of the state's landmark environmental and energy legislation, including the California Clean Air Act, the California Safe Drinking Water Act, the Natural Communities Conservation Act, the California Environmental Quality Act, the Global Warming Solutions

Act, expanded investment in energy efficiency, California's pioneering 20% and 33% Renewable Portfolio Standards, and the nation's first greenhouse gas emission performance standard for energy generation.

The body of work which Kip has helped create is unmatched and of historic significance. Without his "legi-crat" skills, ability to negotiate agreements, and sheer tenacity, California would not be leading the nation and the world in renewable power.



Bob Anderson was an inspirational advocate for the wild outdoors and for clean energy. He served as President of the Montana Wilderness Association, and helped lead the campaigns for congressional designation of the Great Bear and Absaroka-Beartooth wildernesses.

Bob was chief of Montana's state energy agency, a Commissioner of Montana's elected Public Service Commission, president of the National Association of Regulatory Utility Commissioners, president of the Western Conference of Public Service Commissioners, and an independent board member of the Western Electricity Coordinating Council. As a director of the Western Grid Group, Bob helped bring environmental advocates and clean energy companies together to work out practical details of the transition to a sustainable energy future.

He was an accomplished mountain climber, and celebrated his 70th birthday by scaling Mt. Kilimanjaro, seeing his final sunrise from the highest freestanding mountain in the world.

Clean Power Champions Awards Benefit



CEERT Board Chairman Jonathan Weisgall welcomes the crowd



Outgoing California State Senate President Pro Tempore Darrell Steinberg and incoming State Senate President Pro Tempore Kevin de León



Senator Darrell Steinberg



Senator Kevin de León



Kip Lippei



Assemblymember Manuel Pérez



Grace Anderson, wife of 2014 Clean Power Champion Bob Anderson (1943 – 2013)



The 2014 Clean Power Champion awardees with CEERT Executive Director V. John White

CEERT Financial Statements

Balance Sheet December 31, 2014

Assets		
Current Assets	\$ 727,938	
Fixed Assets	\$ 15,847	
Total Assets	\$ 743,785	
Liabilities and Equity		
Current Liabilities	\$ 147,239	
Restricted Assets	\$ 570,046	
Fund Balance	\$ 26,499	
Total Liabilities & Equity	\$ 743,785	
Program Operations		
CEERT Expenses by Program		
Core Renewable Energy Advocacy	\$ 632,790	32.1%
CPUC Regulatory Intervention	\$ 100,049	5.1%
Demand Response & System Needs	\$ 250,312	12.7%
Climate Policies	\$ 70,730	3.6%
Desert Renewable Energy Planning	\$ 132,325	6.7%
Subtotal, CEERT Programs	\$ 1,186,206	60.1%
CEERT Sponsored Projects		
Western Grid Group	\$ 455,884	23.1%
Latino Environmental Advancement	\$ 27,531	1.4%
2030 Low Carbon Grid Study	\$ 297,406	15.1%
Carbon Zero Institute	\$ 5,693	.3%
Subtotal, Sponsored Projects	\$ 786,514	39.9%
Total Program Expenses	\$ 1,972,721	100.0%
CEERT Program & Administrative Expenses		
Program Expenses	\$ 1,972,721	76.7%
Administrative & Fundraising	\$ 599,551	23.3%
Total Organizational Expenses	\$ 2,572,272	

Board of Directors

Jonathan Weisgall, Chairman Berkshire Hathaway Energy

Ralph Cavanagh, Vice Chairman Natural Resources Defense Council

Kevin Lynch, Secretary Iberdrola Renewables

James Caldwell, Jr.
Utility & Power Systems Consultant

Kim DelfinoDefenders of Wildlife

Diane FellmanNRG Energy

Rich Ferguson At Large

Anders Glader Pure Resource, LLC **Arthur Haubenstock**

Morgan, Lewis & Bockius LLP

Bonnie Holmes-Gen American Lung Association of California

Rey LeónLatino Environmental
Advancement & Policy Institute

Bill MagavernCoalition for Clean Air

Jim MarstonEnvironmental Defense Fund

Jan McFarland At Large

Tandy McMannes Abengoa Solar, Inc.

Marc PetersonGE Power & Water

Roby Roberts

EDP Renewables

Steven Schiller

California Energy Efficiency Industry Council

Rachel Shimshak Renewable Northwest

Tom Starrs

SunPower Corporation

Mona Tierney-Lloyd EnerNOC, Inc.

Jim Walker EDF Renewable Energy

Laura WislandUnion of Concerned Scientists

Carl ZichellaNatural Resources Defense Council

CEERT Board of Directors: (front row) Jim Caldwell, Jan McFarland, Lauren Navarro, Rachel Shimshak, Mona Tierney-Lloyd, Bonnie Holmes-Gen, Steve Schiller; (middle row) Tom Starrs, Rey León; (back row) Anders Glader, Carl Zichella, Jim Walker, Rich Ferguson, Bill Magavern, Marc Peterson



Affiliates

Abengoa Solar, Inc.

American Wind Energy
Association

Berkshire Hathaway Energy
BrightSource Energy, Inc.

California Center for
Sustainable Energy

Clean Line Energy Partners

Comverge

EDF Renewable Energy

EDP Renewables

EnerNOC, Inc.

EnergySource

Environmental Defense Fund

GE Wind Energy

Geothermal Resources
Council
Iberdrola Renewables
NRG Solar
Natural Resources Defense

Council
New Dimension Energy

Recurrent Energy
Renewable Northwest
Sacramento Municipal
Utility District

SunPower Corporation
Union of Concerned
Scientists

CEERT Staff: (front row) Kimber West, Anne Baker, Nicole Ochoa; (second row) Tehya Wood, Ali Ehlen, Megan Myers; (third row) V. John White, Andrea York, Sara Steck Myers; (fourth row) Peter Stern, Jim Caldwell, John Shahabian; (top) Rich Ferguson



Staff

V. John White

Executive Director

John Shahabian

Director of Operations

Sara Steck Myers

Regulatory Counsel

James Caldwell, Jr.

Senior Technical Consultant

Anne Baker

Senior Advisor

Rich Ferguson

Director of Research Emeritus

Megan Myers

Associate Regulatory Attorney

Ali Ehlen

Clean Energy Fellow

Nicole Ochoa

Southern California Program Associate

Jan McFarland

Senior Consultant

John Shears

Research Consultant

Rhonda Mills

Senior Consultant for Special Projects

Kimber West

Administrative Assistant

Tehya Wood

Policy Assistant

Peter Stern

Development Director

Fran Prisco

Controller

Heather Taylor

Operations Assistant

Austin Miller

Administrative Assistant

Funders

Energy Foundation
Environmental Defense Fund
Eucalyptus Foundation
Friedman Family Foundation

Heising-Simons Foundation
William & Flora Hewlett Foundation
Hexberg Family Foundation
Springcreek Foundation

Donors

Tom Adams
Cecilia Aguillon

Jane Baker

Joan Berman

Steve Black

Edward Burgess

Ralph Cavanagh

Bernadette Del Chiaro

Chris Chouteau

Steve Cohen

Henry & Glenda Corning

Frank DeRosa

& Janice Roudebush

Fred & Jocelyn Euphrat

Diane Fellman

Phyllis Friedman

Doré Selix Gabby

John Geesman

Penny Gerbode

Saúl Gomez

Susan Haldeman

Arthur Haubenstock

Bonnie Holmes-Gen

Mary James

David Kearney

Bill Keese

Lawrence Kirk

& Laurie Lipper

Mike Levin

Kim & Barbara Marienthal

Paulette Meyer

& David Friedman

Bernie Mikell

Mark Northcross

& Antoinetta DiMeo

Todd & Anh Oppenheimer

Michael Paparian

Alice & William Russell-Shapiro

Kirby Sack

& Pamela Merchant

Tom Sargent

Jean Schulz

Steve Schiller

Rachel Shimshak

Thomas Silk

Edward & Adriana Smeloff

Carl Stern & Holly Hayes

Peter Stern & Holly Badgley

Gladys Thacher

Mark Tholke

Stephanie Truesdale

& John Keller

Laura Wisland

Chuck White

Peter Yolles

& Jill Einstein, MD



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 ceert.org