



Rethink

METHANE

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JUNE 29-30, 2016 | Sacramento, CA

Sheraton Grand Sacramento Hotel

SYMPOSIUM PROGRAM



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LETTER FROM THE ORGANIZER

Welcome to the 2nd annual Rethink Methane Symposium. On behalf of our sponsors, endorsing organizations, and expert speakers, I am pleased to welcome you to the latest installment in our ongoing discussions about the important role that renewable gas can play in helping California meet its air quality, climate protection and economic development goals.

At the 2015 Rethink Methane Symposium, we initiated an effort to bring together stakeholders from the natural gas, bioenergy, solar, wind, hydrogen, and fuel cell industries to educate policymakers about the various sources of renewable gas (biogas from organic waste, landfills, wastewater treatment plants, agricultural processes), the important uses of renewable gas (as a transportation fuel and as a means of storing renewably-generated electricity through the process known as “power-to-gas”), the need to accelerate and maximize the production, distribution and consumption of renewable methane, and the value that renewable gas can bring to the state because of its ability to facilitate the achievement of multiple state policy objectives.

Much has happened in the twelve months since we last gathered. Advocates of increasing the production and use of renewable gas, including many of the organizations that are sponsoring or endorsing today’s symposium, have been working diligently to increase awareness of bio-gas and power-to-gas, with considerable progress. Half a dozen bills were introduced in this session of the California legislature, all of which are designed to improve the regulatory and financial climate for renewable gas. In addition, the Air Resources Board has published a draft strategy focused on reducing Short Lived Climate Pollutants (SLCP), one of the most prominent being fugitive methane, the vast majority of which in California comes from organic sources.

However, much remains to be done. Renewable gas still only contributes a fraction of its energy potential to the state. The time to harness this valuable energy resource is now, as other recent technological developments have increased the urgency of the capturing and beneficially re-purposing RNG. Heavy-duty engine manufacturers have reached a phenomenal achievement – an ARB-certified natural gas engine so clean that it produces one third the emissions of smog-forming NOx than would be created by today’s California grid generating the electricity to charge a battery-electric truck of comparable size. This game changing technology, if fueled by renewable natural gas from a dairy digester or a high solid anaerobic digestion facility, not only results in the cleanest trucks currently available, but would also meet all of the emission requirements needed to achieve even the most stringent of ambient air quality and climate protection standards. Just think – we have a technology commercially available today that could eliminate the heavy-duty vehicle sector as a contributor to smog, toxic diesel particulates, and climate change. For those of us who still aspire to achieving the third pillar of the original SB 350 – the 50% petroleum reduction by 2030 – we now have the heavy-duty vehicle technology to do so. All we need to do now is produce the fuel.

This year, we asked all of our speakers to approach the topic of Rethinking Methane from the standpoint of identifying the barriers, obstacles, and hurdles that impede this very important energy resource, and to suggest policies, programs and incentives that would help accelerate the development of this critical industry in California by increasing the production of renewable natural gas from organic feed stocks and as a means to store renewable power, and encourage the consumption of this extraordinary low carbon fuel, particularly in transportation. This, we believe, will provide our attendees with a robust and engaging dialog, which we hope that you will take back to your offices inspired. By working towards the advancement of renewable methane as both a transportation fuel and as a storage medium for renewably-generated power, each of you can play a key role in helping our state achieve our climate protection and air quality improvement objectives. We look forward to making real progress together.



Cliff Gladstein

President

Gladstein, Neandross & Associates



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2016 Rethink Methane Symposium

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Symposium Agenda

Wednesday, June 29, 2016



8:30 am – 8:45 am	Symposium Welcome <ul style="list-style-type: none"> • Cliff Gladstein, President, Gladstein, Neandross & Associates
8:45 am – 9:00 am	Keynote Introduction – Enhancing California’s Energy Independence with Renewable Gas <ul style="list-style-type: none"> • Michael Gatto, California State Assemblymember, 43rd District
9:00 am – 10:15 am	Panel 1 – Using Renewable Gas to Improve Air Quality & Climate Protection <i>Moderator: Ryan McCarthy, Science and Technology Policy Advisor to the Chair, California Air Resources Board</i> <ul style="list-style-type: none"> • Jack Broadbent, Executive Officer/Air Pollution Control Officer, Bay Area Air Quality Management District • Wayne Nasti, Acting Executive Officer, South Coast Air Quality Management District • Seyed Sadredin, Executive Director/Air Pollution Control Officer, San Joaquin Valley Air Pollution Control District
10:15 am – 11:15 am	Panel 2 – Power to Gas and the Role of Renewable Methane in Hydrogen Production <i>Moderator: Henry Hogo, Assistant Deputy Executive Officer, South Coast Air Quality Management District</i> <ul style="list-style-type: none"> • Jeffrey Reed, Director, Emerging Technology, Southern California Gas Company • Mike Levin, Director of Government Affairs, FuelCell Energy, Inc. • Steve Jones, Managing Director, ITM Power, Inc.
11:15 am – 11:25 am	Break
11:25 am – 12:25 pm	Panel 3 – Integrating Renewable Gas into California’s Natural Gas Pipeline Infrastructure <i>Moderator: Paul Relis, Senior Vice President, CR&R Incorporated</i> <ul style="list-style-type: none"> • Michael Picker, President, California Public Utilities Commission • George Minter, Regional Vice President, External Affairs and Environmental Strategy, Southern California Gas Company • Mallik Angalakudati, Vice President, Corporate Strategy, Pacific Gas & Electric Company
12:25 pm – 1:30 pm	Keynote Luncheon: Perspectives from the Front Lines <i>Introduction: William Zobel, Vice President of Market Development and Strategy, Trillium CNG</i> <ul style="list-style-type: none"> • Fran Pavley, California Senator, 27th Senate District
1:30 pm – 2:30 pm	Panel 4 – Opportunities and Obstacles for Renewable Gas in California Legislature <i>Moderator: Julia Levin, Executive Director, Bioenergy Association of California</i> <ul style="list-style-type: none"> • Kip Lipper, Chief Policy Advisor on Energy and Environment, Office of Senate President Pro Tempore Kevin de Leon • Tina Andolina, Senior Policy Consultant, Office of State Senator Ben Allen • Erin Baum, Legislative Director, Office of Assemblyman Das Williams
2:30 pm – 2:45 pm	Break
2:45 pm – 3:45 pm	Panel 5 – Obstacles and Opportunities: Capturing and Harnessing Methane from California Agriculture <i>Moderator: Johannes Escudero, Executive Director, Renewable Natural Gas Coalition</i> <ul style="list-style-type: none"> • Stacey Sullivan, Policy Director, Sustainable Conservation • N. Ross Buckenham, Chairman/Chief Executive Officer, California Bioenergy, LLC • Grant Zimmerman, Chief Executive Officer, ampCNG
3:45 pm – 4:45 pm	Panel 6 – Obstacles and Opportunities: Perspectives from the Developer Community <i>Moderator: Harrison Clay, President, Clean Energy Renewable Fuels</i> <ul style="list-style-type: none"> • Linda Nugent, Senior Project Developer, Ameresco • Greg Stangl, Chief Executive Officer, Phoenix Energy • Bennett Horenstein, Director of Wastewater, East Bay Municipal Utility District
4:45 pm – 5:15 pm	Where We Go From Here <i>Introduction: Christian Kasper, Chief Executive Officer, Harvest Power, Inc.</i> <ul style="list-style-type: none"> • Mary Nichols, Chair, California Air Resources Board
5:15 pm – 7:00 pm	Reception - Grand Nave Foyer Sponsored by

Thursday, June 30, 2016

9:00 am – 11:00 am	Rethink Methane Symposium Off-Site Tour: Sacramento BioDigester Rethink Methane Symposium attendees will have the opportunity to visit the Sacramento BioDigester, the largest anaerobic digestion system of its kind in North America. Join us the morning of June 30 to learn the history of the facility, the feedstocks and regulations involved, and see how the organic waste is processed—from its arrival at the transfer station to its fueling of the haul trucks. <i>Registered tour attendees should check-in at the registration desk in the lobby. The bus leaves promptly at 9am.</i>
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South Coast Air Quality Management District

Cleaning The Air That We Breathe...



The blueprint for cleaner air in Southern California includes renewable natural gas as part of a diverse portfolio of less-polluting energy resources

South Coast AQMD is co-sponsoring the Rethink Methane Symposium 2016 to explore ways that **renewable natural gas** (biomethane) can be an important part of the portfolio of less-polluting energy resources helping our communities to:

- reduce smog, air toxics, and greenhouse gases
- increase supplies of carbon-neutral domestic energy, and
- promote resilient, sustainable economic development.

Renewable natural gas is not a fossil fuel, it's a contemporary fuel derived from the natural decomposition of organic waste in 'resource streams' such as urban landfills and wastewater treatment plants. The energy from these waste materials is captured and processed, to harvest a sustainable, ultra-low carbon, domestic form of natural gas usable by heavy-duty vehicles as an alternative to diesel, or used to generate electricity. Renewable natural gas can also serve as a feedstock for producing hydrogen fuel used in zero-emission fuel cell vehicles.

On behalf of more than 16 million Southern Californians, South Coast Air Quality Management District is working toward a clean-energy future where every resident can breathe cleaner air and benefit from a more resilient economic future.



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Speaker Biographies



KEYNOTE SPEAKER | Michael Gatto, California State Assemblymember, 43rd District

Michael Gatto was elected to represent the 43rd District in a Special Election in June 2010. He is a lifelong resident of the district, born in Franklin Hills, and attending schools in Glendale, Los Feliz, and Silver Lake. Assembly member Gatto graduated from UCLA with a degree in History, and Loyola Law School (at night), magna cum laude.

Mr. Gatto has worked extensively in government and the private sector. For years, he served as district director to a United States Congressman representing the San Fernando Valley and Burbank. He also served in the administrations of two Los Angeles mayors. In the private sector, he worked as an attorney representing California's small businesses, assisting them with issues relating to government bureaucracy. The Assembly member has also taught English and given his time extensively to legal clients and non-profit entities who could not otherwise afford an attorney.



KEYNOTE SPEAKER | Fran Pavley, California Senator, 27th Senate District

Senator Fran Pavley (D) of the 27th Senate District was elected to the Assembly in 2000, the Senate in 2008, and re-elected in 2012. Ms. Pavley received her B.A., at CSU, Fresno and her M.A. at CSU, Northridge. She served as Mayor and Councilmember of Agoura Hills, including her role as first Mayor from 1982-1997.

Senator Pavley was also a member of the California Coastal Commission from 1995-2000. She taught for 28 years in California public schools. Her landmark climate change legislation is AB 1493 (Clean Cars Law—which is now national standard) and AB 32, which have become models for other states and countries. Ms. Pavley received the 2006 California League of Conservation Voters "Global Warming Leadership Award" with Vice President Al Gore.

Senator Pavley currently serves the committees: Senate Natural Resources and Water (chair), Budget and Fiscal Review, Budget Subcommittee #2 (Resources, Environmental Protection, Energy, and Transportation), Energy, Utilities, and Communications, Environmental Quality, Governance and Finance, Legislative Ethics and as chair on the Select Committee: Climate Change and Assembly Bill 32 Implementation.



FEATURED SPEAKER | Mary Nichols, Chair, California Air Resources Board

Mary Nichols is chair of the California Air Resources Board (CARB), a post she has held since 2007. She also served as chair of the Air Resources Board from 1979-1983. Ms. Nichols has devoted her entire career in public and nonprofit service to advocating for the environment and public health.

In addition to her work at CARB, she has served as assistant administrator for the U.S. Environmental Protection Agency's Air and Radiation program under President Clinton, secretary for California's Resources Agency from 1999 to 2003, and director of the Institute of the Environment at the University of California, Los Angeles. Her priorities as chair include moving ahead on the state's landmark climate change program (AB 32), steering the Board through numerous efforts to curb diesel pollution at ports and continuing to pass regulations aimed at providing cleaner air for Southern California and the San Joaquin Valley. She values innovation, partnerships and common-sense approaches to addressing the state's air issues.

Speaker Biographies



Tina Andolina, Senior Policy Consultant, Office of State Senator Ben Allen

Tina Andolina has been director of legislation and regulation at California Department of Pesticide Regulation since September 2012. Ms. Andolina has served as legislative consultant for Senator Lois Wolk since 2010. She served as legislative director at the Planning and Conservation League from 2007 to 2010.

She was campaign associate at the Coalition for Clean Air from 2005 to 2007. She served as Outreach Director at the California Wilderness Coalition from 2000 to 2005 and campaign director at the Friends of the Trinity River from 1997 to 2000.



Malik Angalakudati, Vice President, Corporate Strategy, Pacific Gas & Electric Company

Mallik Angalakudati serves as vice president, corporate strategy for PG&E Corporation. He oversees investment planning, resource planning, strategy and process excellence, contract management and QA/QC teams.

Mr. Angalakudati comes to PG&E with more than 15 years of experience in the energy industry. Prior to joining PG&E, Mr. Angalakudati worked in National Grid in both operational and process leadership positions. His experience also includes management consulting and energy pricing and risk management.

He holds a MBA from the University of Michigan, a MS in environmental engineering from University of North Carolina, and a BS in civil engineering from Indian Institute of Technology - Madras. Mr. Angalakudati earned an executive education certificate in Leading Change and Organizational Renewal from the Harvard Business School and a Lean Six Sigma Master Black-belt certification from Villanova University.



Erin Baum, Legislative Director, Office of Assemblyman Das Williams

Erin Baum has served in the California State Assembly for ten years advising different members on natural resources and energy. In her current role, Ms. Baum is the legislative director for Assemblyman Das Williams. In that role, she shapes, develops and directs the Assemblyman's legislative agenda. Prior to her employment with Assemblyman Williams, Ms. Baum was chosen to a Jesse M. Unruh Assembly Fellow by the Capitol Fellowship program, where she was subsequently hired by Assemblyman Ira Ruskin (D-Redwood City) and worked as a legislative aide for the next four years. She received her Bachelor's degree in political science from California State University, Chico.



Jack Broadbent, Executive Officer/Air Pollution Control Officer, Bay Area Air Quality Management District

Jack Broadbent serves as the chief executive officer/air pollution control officer for the Bay Area Air Quality Management District. Under Mr. Broadbent's direction, the Air District strives to provide a healthy breathing environment for every resident in the nine county San Francisco Bay Area region.

Mr. Broadbent joined the Air District after serving as Air Division director at the United States Environmental Protection Agency (U.S. EPA), Region IX. In that position, Mr. Broadbent was responsible for overseeing the implementation of the Clean Air Act as well as indoor air quality and radiation programs for the Pacific Southwest region of the United States. Before serving at the U.S. EPA, Mr. Broadbent served as the deputy executive officer of the South Coast Air Quality Management District as well as the director of planning and other senior management positions. While at the South Coast Air District, Mr. Broadbent directed the development of a number of landmark programs that contributed to significant improvements in air quality in the Los Angeles region.

In the 1980s, Mr. Broadbent served as corporate environmental programs manager for the largest private employer in California: Hughes Aircraft Company. Mr. Broadbent holds a Master's degree in environmental administration and a Bachelor of Science degree in environmental science—both from the University of California, Riverside.



N. Ross Buckenham, Chairman/Chief Executive Officer, California Bioenergy, LLC

Ross Buckenham is a 25-year general management veteran and builder of technology ventures both public and private. His experience spans the renewable energy technologies of biogas, wind and solar. He has also built and run software and wireless technology companies being a board member, chief executive officer or general manager in companies such as WebLink Wireless, Retek, CellStar and Advanced Oxygen. He was previously a consultant with Bain & Company.

Mr. Buckenham is passionate both in his pursuit of California Bioenergy's mission to become a large California focused renewable energy and clean tech company leveraging agricultural waste streams and also in developing "Level 5" leadership, operational excellence and exceptional customer service in himself and his management team. He has been an active member in the Bioenergy Association of California since its founding.

Mr. Buckenham has an MBA from Harvard Business School and a Bachelor's Degree in chemical engineering from Canterbury University, New Zealand.

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Speaker Biographies



Harrison Clay, President, Clean Energy Renewable Fuels

Harrison Clay, president of Clean Energy Renewables, is responsible for leading Clean Energy's efforts to produce and sell renewable natural gas (or biomethane) that is derived from the anaerobic decomposition of organic waste.

Clean Energy sold over 14 million gasoline gallon equivalents of Redeem in 2013 and over 21 million gasoline gallon equivalents in 2014. Clean Energy is actively pursuing additional opportunities to develop biomethane production sites and acquire biomethane for sale as Redeem, including biomethane projects located at waste water treatment plants or that incorporate agricultural and industrial waste digesters.

Prior to joining Clean Energy in 2008, Mr. Clay worked at the San Francisco investment bank WR Hambrecht + Co. Mr. Clay has extensive experience in structuring and trading environmental commodities, venture capital, corporate and project finance and the clean tech and energy industries. Mr. Clay has a JD from the University of Virginia and a dual AB in Anthropology and English from the University of Georgia.



Johannes Escudero, Executive Director, Renewable Natural Gas Coalition

Johannes Escudero is the founder and chief executive officer of the Coalition For Renewable Natural Gas, Inc. (RNG Coalition). The RNG Coalition is an international 501(c)(6) organization providing public policy advocacy and education on behalf of the renewable natural gas industry. The RNG Coalition was formed in 2011 around a mission to advocate for the advanced application of renewable natural gas from cellulosic waste streams so that present and future generations have access to clean, domestic, renewable fuel and energy supply.

Mr. Escudero has more than fifteen years of organizational leadership experience, with a diverse background in nonprofit management, business development, higher education, politics, governmental, legislative and regulatory affairs.

Prior to founding the RNG Coalition, Mr. Escudero served as legislative director in the California State Assembly, serving ranking members of the Transportation, Utilities and Commerce, Natural Resources and Environmental Safety & Toxic Materials committees.



Cliff Gladstein, President, Gladstein, Neadross & Associates

Cliff Gladstein is the founder and president of Gladstein, Neandross & Associates (GNA). For over twenty-two years, he has been a local, state, and national leader in the effort to develop cost-effective policies, programs, and products to reduce pollution from transportation, relieve the nation's dependence on petroleum, and create innovative public-private partnerships to pursue market-based solutions for environmental problems.

Mr. Gladstein is also the founder of the Interstate Clean Transportation Corridor (ICTC), the nation's first and most successful public-private partnership to accelerate the commercialization of clean alternative fuel vehicles in the interstate movement of goods. He has used his knowledge and experience to develop and implement clean transportation and power generation technology deployment programs and incentive programs.

Mr. Gladstein is on the board of the Bioenergy Association of California, chairs the Education Fund of the California League of Conservation Voters, and teaches air quality policy at the UCLA Institute of Environment and Sustainability. He has been an advisor to the University of Southern California's Sustainable Cities Program and Duke University's Nicholas Institute for Environmental Policy Solutions. He is a graduate of Duke University and holds three graduate degrees from the University of Texas, Austin, and the University of California, Los Angeles.

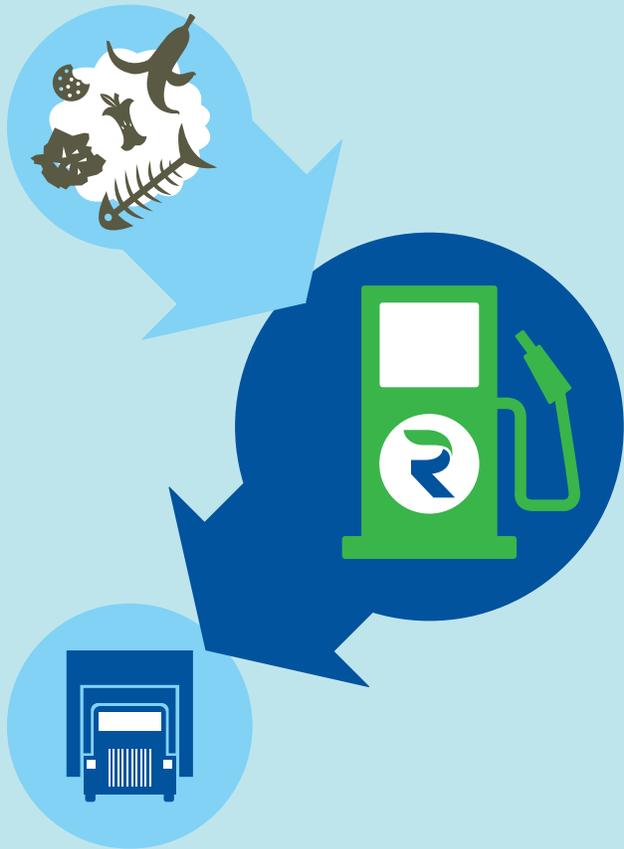


Henry Hogo, Assistant Deputy Executive Officer, South Coast Air Quality Management District

Henry Hogo is the assistant deputy executive officer for the Mobile Source Division in the Office of Science and Technology Advancement at the South Coast Air Quality Management District (SCAQMD). Mr. Hogo received a Bachelors of Science degree in chemistry from the University of California, Berkeley and has been working in the air pollution field for close to 40 years.

As assistant deputy executive officer in the Mobile Source Division, Mr. Hogo is responsible for the implementation of the District's Clean Fleet Vehicle Rules, development of the mobile source strategies for the SCAQMD's air quality management plans, analysis of mobile source emissions impacts on air quality, and providing input on California and national mobile source regulations.

Mr. Hogo had previously been responsible for the development of State Implementation Plans for the Los Angeles area including the preparation of emissions inventories and air quality modeling for ozone and particulate matter.



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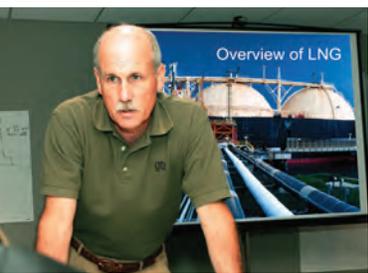
California's wastewater agencies are harnessing the power of methane gas to provide renewable energy. And CASA is working to advance policies and programs that will maximize these contributions for a better energy future. From generating the power to run on-site treatment processes, to creating transportation fuel, together we're working to help reach the goal of meeting one third of the state's energy needs from renewable sources. We invite you to join us in accomplishing this important mission.

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Speaker Biographies



Bennett Horenstein, Director of Wastewater, East Bay Municipal Utility District

Bennett Horenstein is the Director of Wastewater at the East Bay Municipal Utility District (EBMUD). He has over 30 years of experience in an array of wastewater operations, engineering and regulatory issues. He has published numerous technical papers, has received local, state and national awards, and has participated in various technical conferences and committees.

Mr. Horenstein has been active with leadership roles in wastewater associations including his current positions on the Boards of the National Association of Clean Water Agencies (NACWA) and the Bay Area Clean Water Agencies (BACWA) and as the chair of the Utility Leadership Committee in California Association of Sanitation Agencies (CASA).

Mr. Horenstein graduated from the University of Florida with a Bachelor of Science in environmental engineering and pursued graduate work in environmental studies at Loyola Marymount University and Vermont Law School. Mr. Horenstein is a Registered Civil Engineer in California and a Grade V certified Wastewater and Water plant operator.



Steve Jones, Managing Director, ITM Power Inc.

Steve Jones joined ITM in 2005 as a research technologist and is currently managing director for ITM Power Inc. based in Irvine, California. He has held positions in R&D, product, systems and business development roles and as such has an excellent understanding of the technical and commercial aspects of the business.

Mr. Jones holds a BSc and MPhil in materials science from Birmingham University, a MBA from Sheffield University and is a chartered manager.



Christian Kasper, Chief Executive Officer, Harvest Power Inc.

Christian Kasper is the chief executive officer of Harvest Power, Inc. Before joining the company in May 2014, he served as executive vice president and chief financial officer of The Princeton Review, Inc. Mr. Kasper has served as a strategic chief financial officer for four companies where he partnered with leading private equity and venture capital firms including Bain Capital Ventures, Thomas H. Lee Partners, and Aurora Capital Group. He currently serves as chairman of the Board of Directors of International Cookware Group, S.A.S.

Mr. Kasper began his career with the Boston Consulting Group, and his experience spans a variety of industries, including consumer products, retail, manufacturing, and education. A graduate of Dartmouth College, he received his MBA from Harvard Business School, where he was named a Baker Scholar and appointed a Dean's Research Fellow in Technology and Operations Management.



Julia Levin, Executive Director, Bioenergy Association of California

The Bioenergy Association of California's executive director is Julia Levin, who served until recently as the deputy secretary for climate change and energy at the California Resources Agency. In that position, she chaired the Governor's Inter-Agency Bioenergy Working Group and led development of California's 2012 Bioenergy Action Plan.

Ms. Levin has also served as a Commissioner on the California Energy Commission, where she was the presiding Commissioner on renewable energy and the associate Commissioner on energy efficiency. She presided over the adoption of RPS eligibility rules, power plant siting cases and other issues. Previously, she was the Global Warming Director of the National Audubon Society, where she coordinated its policy advocacy and public education on global warming and energy issues.

Ms. Levin received a law degree from the University of California, Hastings College of Law in 1991 and a B.A. in international relations from Brown University in 1985.



Mike Levin, Director of Government Affairs, FuelCell Energy, Inc.

Mike Levin is the director of government affairs for FuelCell Energy, Inc. (Nasdaq: FCEL), a leading integrated fuel cell company that designs, manufactures, sells, installs, operates and services ultra-clean, highly efficient stationary fuel cell power plants for distributed power generation.

Mr. Levin is a passionate believer in clean technology and has over a decade of experience in government affairs and business development in the industry. Previously, he was part of the management team at a venture-funded startup developing new technology to generate clean power from waste gases. In addition to sitting on the board of the Center for Sustainable Energy, Mr. Levin is also a co-founder of CleanTech OC, Orange County's clean technology trade association, where he served as the initial executive director.

Prior to industry, he worked as an attorney at Bryan Cave LLP, where he assisted clients with environmental and energy regulatory compliance, project development, and government advocacy. Mike has a BA in political science from Stanford University and a JD from Duke University School of Law. While at Stanford, Mr. Levin served as student body president. He has also completed the CORO Fellows Program in Public Affairs.

Speaker Biographies



Kip Lipper, Chief Policy Advisor on Energy and Environment, Office of Senate President Pro Tempore Kevin de Leon

Kip Lipper is chief policy advisor on energy, natural resources, and the environment to California State Senate President pro Tempore Kevin De Leon (D-Los Angeles). Mr. Lipper has drafted and analyzed legislation on a broad array of environmental matters, including the California Clean Air Act, the California Safe Drinking Water Act, and many others. He has also drafted and analyzed legislation on energy policy including the state's landmark 20%, 33%, and now 50% Renewable Portfolio Standard.

Mr. Lipper was the lead Senate staffer on the drafting of AB 32, the Global Warming Solutions Act of 2006, as well as on companion landmark legislation establishing the nation's first greenhouse gas emission performance standard for energy generation (SB 1368--Perata). He has been deeply involved in the implementation of GHG laws passed and enacted by the CA Legislature. Mr. Lipper helped draft and negotiate the 2009 historic Comprehensive Water Package, the nation's first "Green Career Technical Education Program", and CEQA reforms during the past decade. He also staffed Senator De Leon on cap and trade issues, LA River issues, and on DTSC reforms.



Ryan McCarthy, Science and Technology Policy Advisor to the Chair, California Air Resources Board

Ryan McCarthy is the science and technology policy advisor to the chair at the California Air Resources Board, where he focuses on transportation, energy and climate policy issues. He is heavily involved in climate policy discussions related to 2030 targets and planning, and is also helping to develop a plan to reduce emissions of short-lived climate pollutants in California, as required by SB 605 (Lara).

Prior to his appointment at ARB by Governor Jerry Brown, Mr. McCarthy was chief writer of a strategic plan for plug-in electric vehicles in California and a science and technology policy fellow in the office of California Assembly Member Wilmer Amina Carter. Ryan received his master's and doctorate degrees in civil and environmental engineering from UC Davis and bachelor's degree in structural engineering from UC San Diego.



George Minter, Regional Vice President, External Affairs and Environmental Strategy, Southern California Gas Company

George Minter is regional vice president of external affairs and environmental strategy for SoCalGas. He leads the company's public affairs, environmental and energy policy, community relations, and media and employee communications efforts.

Mr. Minter is a long-time public policy professional specializing in energy and environmental affairs, policy development, communications and political advocacy. Before re-joining SoCalGas in 2013, Mr. Minter was managing principal for L.A.-based public affairs firms Greer/Dailey/Minter and GM/Public Affairs. There he managed strategic communications programs and public policy initiatives to approve large land use and energy projects. Prior to that, he was the director of public affairs for SoCalGas.

Mr. Minter has served as a board member of numerous civic associations and community organizations, including the Central City Assoc., Valley Industry and Commerce Assoc., L.A. Family Housing Corp. (as board chair), Coro Foundation, Pat Brown Institute of Public Affairs at Cal-State L.A., Center for the Study of L.A. at Loyola Marymount University, Campaign to Clear the Air and the California League of Conservation Voters. He was one of the founders of the Business Council for Sustainable Energy, a federal energy trade association and of the California CCS Coalition, a statewide energy advocacy organization.



Wayne Nastri, Acting Executive Officer, South Coast Air Quality Management District

Wayne Nastri was unanimously appointed by the South Coast Air Quality Management District (SCAQMD) Governing Board as acting executive officer in April 2016. Previously in his career, he served as U.S. EPA's regional administrator for Region 9. In that position, he was responsible for policy development and operations, exercising management oversight for nearly 1,000 employees and an annual budget exceeding \$700 million. He worked closely with the public, industry, and all levels of government in a wide variety of voluntary pollution prevention programs and energy conservation efforts, including development of diesel emission reduction efforts through development and implementation of the West Coast Diesel Collaborative, in which SCAQMD actively participates. Mr. Nastri also focused Region 9 efforts on development of strategies to address emissions associated with ocean-going vessels and marine ports. Before his federal position, he served as Governor's appointee on the SCAQMD Governing Board.

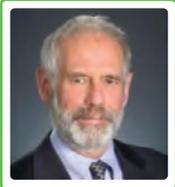
Earlier in his career, Mr. Nastri served on the site mitigation external advisory committee for Cal/EPA's Department of Toxic Substances Control (DTSC), the zero-emission vehicle implementation advisory committee for the California Air Resources Board, and the site manager's advisory committee for the Office of Environmental Health Hazard Assessment (OEHHA). He also served as the legislative director for the California Environmental Business Council.

Speaker Biographies

In his earlier private sector experience, Mr. Nastri served as co-president of E4 Strategic Solutions, Inc., senior vice president and co-chair of the Energy & Environment Practice of mCapitol Management, senior vice president of Dutko Worldwide, president of Environmental Mediation, Inc., and vice president, Environmental Affairs of the Jefferson Group in Washington D.C. Mr. Nastri holds a bachelor's degree in biochemistry from the University of California, Irvine.

Linda Nugent, Senior Project Developer, Ameresc

With 20 years of experience in the energy industry, Linda Nugent is responsible for the development of biogas recovery and utilization systems; power sales to municipal and investor owned utilities; gas sales as related to biogas utilization; and air quality compliance. At her previous company, she was a consultant in landfill gas compliance and Title V permitting for landfills. She also worked as a consultant to the USEPA and State Department in assisting municipal governments in the US and in developing countries with biogas utilization development.



Michael Picker, President, California Public Utilities Commission

Michael Picker was named president of the California Public Utilities Commission (CPUC) on December 23, 2014, by Governor Edmund G. Brown Jr., who first appointed President Picker as a commissioner on January 29, 2014.

Prior to his appointment, President Picker was senior advisor for Renewable Energy in the Office of the Governor from 2009 to 2014. He was a principal at Lincoln Crow Strategic Communications from 2000 to 2009, deputy treasurer in the Office of the California State Treasurer from 1998 to 1999, chief of staff to Sacramento Mayor Joe Serna Jr. from 1992 to 1999, and deputy assistant for toxic substance control in the Office of the Governor from 1981 to 1982. He was a member of the Sacramento Municipal Utility District Board of Directors from 2012-2014.

President Picker is a former lecturer at University of California, Los Angeles's Graduate School of Architecture and Urban Planning, and instructor at Occidental College's Urban and Environmental Policies Institute. He holds an MBA from UC Davis, specializing in marketing, social marketing, and nonprofit management.



Jeffrey Reed, Director, Emerging Technology, Southern California Gas Company

Jeffrey Reed is the director of emerging technology for Sempra Energy Utilities — Southern California Gas Company and San Diego Gas and Electric. In that capacity, he leads development of policies and initiatives aimed at supporting the development and deployment of sustainable energy solutions and leads the natural gas R&D, low-emission vehicle and environmental affairs programs.

He has also lead numerous company initiatives related to renewable low-carbon energy technologies. Prior to joining the Sempra utilities, Mr. Reed was a senior strategy consultant and was an officer with ABB Power Generation in Switzerland.

Mr. Reed holds a doctorate in engineering from the University of California at Berkeley and a Master's degree in management from Stanford University



Paul Relis, Senior Vice President, CR&R Incorporated

Paul Relis is senior vice president of CR&R Incorporated, an environmental services company that provide recycling and waste services to 40 cities in Southern California. He leads the company's efforts to develop technology to convert the organic fraction of the municipal solid waste stream to renewable natural gas, a zero carbon fuel, and soil products for California agriculture. This technology will be the first of its kind in the United States. In this capacity, Relis works closely with the state's major regulatory agencies, environmental organizations, industry associations and local government.

Prior to his private sector position, Mr. Relis served as an executive in the California Environmental Protection Agency as the Governor's environmental appointee to the California Integrated Waste Management Board (now CalRecycle). He oversaw California's solid waste system, including recycling composting, landfills and incinerators, working closely with the state's other major regulatory agencies including the California Air Resources Board, the California Energy Commission, the Department of Agriculture, and the Department of Commerce. He was a U.S. Information Services speaker to the People's Republic of China and Germany.



Seyed Sadredin, Executive Director/Air Pollution Control Officer, San Joaquin Valley Air Pollution Control District

Seyed Sadredin is the executive director and air pollution control officer for the San Joaquin Valley Air Pollution Control District. Mr. Sadredin has 35 years of experience in directing, developing, applying and administering air quality improvement programs. Serving a region facing tremendous economic, public health and air quality challenges, Mr. Sadredin has led the development and implementation of some of the most stringent and innovative air pollution control strategies in the nation while working cooperatively with the regulated community to reduce administrative costs and achieve environmental and economic balance. Today, many of the Valley Air District's pollution control strategies serve as models for other regions throughout the nation.

Speaker Biographies

Mr. Sadredin has worked with a wide range of stakeholders to form a successful coalition that has brought significant financial resources to the Valley for voluntary incentive-based emission reduction programs. To date, Mr. Sadredin has overseen the expenditure of over \$1 billion in public/private investment in the San Joaquin Valley's clean air efforts through voluntary programs. Mr. Sadredin holds a Bachelor of Science degree in mechanical engineering.



Greg Stangl, Chief Executive Officer, Phoenix Energy

Greg Stangl has been working in the energy field since early 1999 when he led the buyout and subsequent turnaround of Energy Investors, the eventual parent of Phoenix Energy. Energy Investors was dedicated to improving air quality in Europe by replacing brown coal boiler plants. Developments in Europe led the business into the biomass gasification arena and in 2007, Phoenix Energy was spun out to focus exclusively on that market in the US. Prior to that, Mr. Stangl worked for several years as a venture capitalist based in Paris and Warsaw for Livingstone Capital Management and Copernicus Capital Management respectively. During his venture capital career Mr. Stangl served on the boards of several European companies.

Mr. Stangl holds an M.B.A, with honors, and a Masters' of International Affairs, with honors, both from Columbia University. Mr. Stangl is a native of the USA and speaks German and Polish fluently.

Stacey Sullivan, Policy Director, Sustainable Conservation

Stacey Sullivan has been Sustainable Conservation's policy director since 2009, during which time he has led successful legislative campaigns to enact state statutes to improve water quality (SB 346) and expedite riparian habitat restoration (AB 2193), and guided the organization's policy initiatives in water supply and management, greenhouse gas reduction, and air and water quality.

Prior to joining Sustainable Conservation, Mr. Sullivan spent 12 years as a committee consultant to the California State Assembly, including eight years as chief consultant to the Local Government Committee. His work while with the Assembly included in-depth involvement in significant legislation and policy initiatives concerning the California Environmental Quality Act, water policy, sustainable agriculture, housing, and land use planning.

Mr. Sullivan is a former member of the Board of Directors of the Community Alliance with Family Farmers and the Steering Committee of the Central Coast Rangeland Coalition, and is currently a member of the Advisory Board for the Sustainable Economies Law Center. He was educated at the University of California, Santa Cruz, University of Oxford, and King Hall School of Law at the University of California, Davis, from which he received his JD in 1995.



Grant Zimmerman, Chief Executive Officer, ampCNG

Grant Zimmerman has been chief executive officer of ampCNG since February 2016. He joined ampCNG as senior vice president of business development in February 2015. At ampCNG, he is responsible for developing and executing ampCNG's overall business strategy and operations, business development, and corporate development activities. Mr. Zimmerman sits on ampCNG's board of directors. Prior to joining ampCNG, he was an associate principal in McKinsey and Company's Chicago office, where he served clients in the energy industry in strategy, operations, and corporate finance. Before McKinsey, he served in commercial and finance roles with Enron and the Enron bankruptcy estate. Mr. Zimmerman earned his MBA from the University of Chicago's Booth School of Business, graduating with high honors. He also holds an MPA and BBA, Honors from the University of Texas at Austin.



William Zobel, Vice President of Market Development and Strategy, Trillium CNG

William (Bill) Zobel is vice president of market development and strategy for Trillium CNG. Trillium designs, builds and operates a network of compressed natural gas (CNG) refueling stations across the US. Mr. Zobel has almost 30 years of experience in the energy sector covering a wide range of issues and responsibilities. Prior to Trillium, Mr. Zobel managed the Sempra natural gas and electric vehicle clean transportation program, and managed environmental and climate change policy for Sempra Energy.

Mr. Zobel served as director of strategy and business analysis for BP North America where he helped develop BP's national presence following the merger of BP and ARCO. In 15 years with ARCO, Mr. Zobel successfully served in a variety of management positions where he was instrumental in developing and promoting landmark regulatory programs including RECLAIM, the nation's first multi-pollutant emissions trading program. Mr. Zobel serves on the board of Natural Gas Vehicles for America (NGVA), and the California Natural Gas Vehicle Coalition (CNGVC), which he chaired from 2007 to 2009.

Mr. Zobel holds a BS in chemical engineering from California State University, Long Beach, and is a graduate of Columbia University's executive business program.

Sacramento Clean Cities

Sacramento Clean Cities' goal is to reduce fossil petroleum consumption in the transportation sector. Find out how you can be a part of the Sacramento Clean Cities Coalition!

www.cleancitiessacramento.org.



YOUNG PROFESSIONALS IN ENERGY

Young Professionals in Energy (YPE) is a non-profit organization with more than 40,000 members in 40 chapters worldwide, which facilitates the advancement of young professionals in the global energy industry.

YPE Los Angeles is proud to support the Rethink Methane Symposium. Connect with Yair Crane, YPE Los Angeles Co-Chair, to learn more.

yair.crane@outlook.com
ypenergy.org/los-angeles

213-949-9490

Partners & Sponsors



American Gas Association

The American Gas Association (AGA) is committed to leveraging and utilizing America's abundant, domestic, affordable and clean natural gas to help meet the nation's energy and environmental needs. The American Gas Association (AGA) represents companies delivering natural gas safely, reliably, and in an environmentally responsible way to help improve the quality of life for their customers every day. AGA's mission is to provide clear value to its membership and serve as the indispensable, leading voice and facilitator on its behalf in promoting the safe, reliable, and efficient delivery of natural gas to homes and businesses across the nation.

www.aga.org



Bay Area Air Quality Management District

Since 1955, the Bay Area Air Quality Management District has been the public agency entrusted with regulating stationary sources of air pollution in the nine counties that surround San Francisco Bay: Alameda, Contra Costa, Marin, Napa, San Francisco, San Mateo, Santa Clara, southwestern Solano, and southern Sonoma counties. The Bay Area air basin is home to seven million people. As the region continues to grow, there is an even greater need to reduce pollution in the region. The Air District is working to encourage: cleaner transportation, better building practices and emissions reductions from industrial sources. With a mission to protect and improve public health, air quality and the global climate, the Air District encourages everyone in the Bay Area to join in the region's efforts to improve air quality.

www.baaqmd.gov



Bioenergy Association of California

The Bioenergy Association of California (BAC) represents more than 60 private companies, public agencies, local governments and other members working to convert organic waste to renewable electricity and fuels. BAC members are building bioenergy projects in every region of the state, helping to reduce greenhouse gas emissions, protect public health and safety, create jobs, and meet the state's clean energy and waste reduction goals.

www.bioenergyca.org



BP

BP delivers energy products and services that people around the world need. Our Upstream segment is responsible for oil and natural gas exploration, field development and production. Our Downstream segment is focused on the refining and marketing of fuels, lubricants and petrochemicals, and provides customers with fuel for transportation, energy for heat and light, lubricants to keep engines moving.

www.bp.com



California Association of Sanitation Agencies

For 60 years, CASA has been the leading voice for public wastewater agencies on regulatory, legislative and legal issues. We are an association of local agencies, engaged in advancing the recycling of wastewater into usable water, generation of renewable energy, and other valuable resources. Through these efforts we help create a clean and sustainable environment for Californians.

www.casaweb.org



California Hydrogen Business Council

California is where hydrogen gets down to business. And the California Hydrogen Business Council (CHBC) is the vital link between hydrogen-technology developers, businesses, energy leaders, government, and infrastructure providers. Its mission is to advance the commercialization of hydrogen in transportation and stationary sources to reduce emissions and dependence on oil.

www.californiahydrogen.org



California Natural Gas Vehicle Partnership

The California Natural Gas Vehicle Partnership (CNGVP) is an alliance of air quality, transportation and energy agencies, vehicle and engine manufacturers, fuel providers, transit and refuse hauler associations, and other stakeholders interested in increasing and strengthening the deployment of low-emission natural gas vehicles throughout California. Through the CNGVP's efforts in California, the organization has helped to deliver the promise of clean transportation by promoting the research and development, demonstration and deployment, accessibility and commercializing, and legislative support for natural gas vehicles.

www.cngvp.org

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CLIMATE
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Climate Action Reserve

The Climate Action Reserve is a nonprofit environmental organization that encourages actions to reduce greenhouse gas emissions and works to ensure environmental benefit, integrity and transparency in market-based solutions to address global climate change. The Reserve operates the largest accredited greenhouse gas offset registry for the California cap-and-trade program and has played an integral role in the development and administration of the state's program. For the North American voluntary carbon market, the Reserve establishes high quality standards for carbon offset projects, oversees independent third-party verification bodies and issues and tracks the transaction of carbon credits (Climate Reserve Tonnes) generated from such projects in a transparent, publicly accessible system. In addition to protocol development and project registration, the Reserve provides thought leadership and technical expertise to governments in support of the development of market-based policies and programs around the globe.

www.climateactionreserve.org



CLIMATE
RESOLVE

Climate Resolve

Climate Resolve inspires Angelenos to act on climate by making the global challenge of climate change personal and relevant. We enact lasting change in Los Angeles neighborhoods, at City Hall, in Sacramento, and beyond. From our Hot City, Cool Roofs campaign, which helped put a cool roofing ordinance into law that decreases energy use and increases comfort and safety inside homes, to our role as cofounder of the Los Angeles Regional Collaborative for Climate Action and Sustainability as well as the statewide Alliance of Regional Collaboratives for Climate Adaptation, to our events such as 2014's Decarbonizing California conference, we strive to make Los Angeles a better, more sustainable community.

www.climateresolve.org



Coalition for Clean Air

The Coalition for Clean Air (CCA) is California's only statewide nonprofit dedicated exclusively to advocating for healthy air. Our unique collaborative model brings all interested parties together to find cooperative solutions to California's most pressing air quality issues. For more than 40 years, we have made significant improvements to California's air by advocating innovative policy solutions within legislative and regulatory avenues, encouraging the early adoption of new technologies, advising businesses on regulatory compliance and clean air practices, empowering our allies with technical and policy expertise, and educating decision-makers and the public on air pollution solutions. Our current work focuses on electric vehicle development, ensuring California's AB 32 funds are spent equitably, and developing a sustainable freight system.

www.ccair.org



Coalition for Renewable Natural Gas

The Coalition for Renewable Natural Gas (RNG Coalition) represents, provides public policy advocacy and education for the renewable natural gas industry in North America. The RNG Coalition advocates for increased utilization of renewable natural gas (RNG, biomethane or upgraded biogas) derived from cellulosic waste sources so that present and future generations will have access to domestic, renewable, clean fuel and energy supply. RNG Coalition members include waste collection, waste management and recycling companies, renewable energy developers, engineers, financiers, service and technology providers, manufacturers, gas/power marketers, gas/power transporters, environmental advocates, research organizations, organized labor, law firms, independent consultants, investor-owned and municipal utilities. RNG Coalition members produce 90% of the RNG in North America, 98% of the cellulosic biofuel under the federal RFS, and nearly 100% of the biomethane participating in California's LCFS program.

www.rngcoalition.com



CR&R Incorporated

CR&R Incorporated is one of Southern California's most innovative and successful recycling and waste collection companies, serving more than 2.5 million people and 5,000 businesses throughout Orange, Los Angeles, San Bernardino, Imperial, and Riverside counties. Thanks to groundbreaking technologies and pioneering reclamation programs, we are able to recycle over 120,000 tons of materials each year, creating cleaner communities, reducing air and water pollution, conserving landfill space, and extending our natural resources. We're making your neighborhood a better place to live and work. CR&R is building one of the largest facilities in North America to produce biomethane from source-separated municipal organic waste. The facility, located in Perris, California, will become operational in the fall of 2015. The biomethane will be used as a fuel for CR&R's heavy-duty truck fleet.

www.crrwasteservices.com



Bioenergy
Association of
California

Promoting sustainable bioenergy development

www.bioenergyca.org

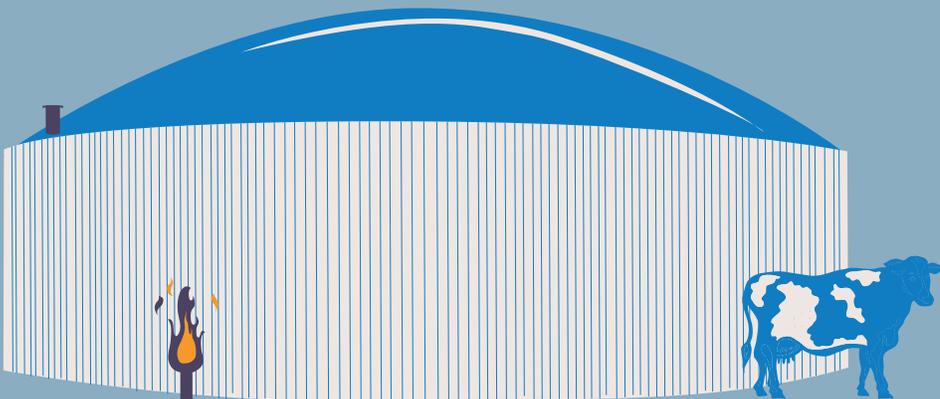
California can generate 2.5 billion gallons per year of renewable, low carbon fuels from food, yard, dairy, agricultural and forest waste.



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The Climate Action Reserve is honored to support

RETHINK METHANE



METHANE REDUCTIONS = OFFSETS

As the premier carbon offset registry for the North American carbon market, the Climate Action Reserve develops high quality standards to ensure the environmental reduction projects. To date, the Reserve has developed eight Livestock, Coal Mine Methane, Organic Waste Digestion, Organic Waste Composting, Rice Cultivation, Mexico Landfill, and Mexico Livestock project protocols. To learn more about how the Reserve is leading and supporting the reduction of methane emissions, please visit www.climateactionreserve.org.

carbon market, the Climate Action Reserve integrity and financial benefit of emissions protocols addressing methane emissions: Landfill, Livestock, Coal Mine Methane, Organic Waste Digestion, Organic Waste Composting, Rice Cultivation, Mexico Landfill, and Mexico Livestock project protocols. To learn more about how the Reserve is leading and supporting the reduction of methane emissions, please visit www.climateactionreserve.org.

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FuelCell Energy, Inc. is an integrated fuel cell company that designs, manufactures, installs, operates and services stationary fuel cell power plants. As a leading global fuel cell company, we provide ultra-clean, efficient and reliable baseload distributed generation for electric utilities, commercial and industrial companies, universities, municipalities, government entities and other customers around the world. Direct FuelCell® (DFC®) power plants manufactured by FuelCell Energy can utilize a variety of fuels including renewable biogas from wastewater treatment and food processing, as well as clean natural gas, directed biogas and propane.

www.fuelcellenergy.com



Gas Technology Institute (GTI)

Gas Technology Institute (GTI) is a leading research, development and training organization addressing global energy and environmental challenges to enable a secure, abundant, and clean energy future. For nearly 75 years, GTI has been providing economic value to the natural gas industry and energy markets by developing technology-based solutions for industry, government, and consumers. From concept to commercialization, our expertise aligns across the entire energy industry value chain. GTI is recognized for its rigorous adherence to independent and impartial testing and quantification of methane emissions. GTI has performed testing and developed methodologies for government agencies, utilities, and private companies with the understanding that the best up-to-date tools and practices will lead to precise conclusions. GTI has also developed and evaluated various leak detection technologies and is currently improving these devices for various applications, ranging from the wellhead to residential homes.

www.gastechnology.org



Harvest Power

Harvest enables communities to produce renewable energy and high-value soil, mulch and organic fertilizer products from organic materials. The company harnesses the full potential of organic materials by recycling energy and nutrients back into local communities through its energy gardens and its production of nutrient-rich soils, mulches and fertilizers. Harvest owns and operates facilities throughout North America in British Columbia, Ontario, California and throughout the Mid-Atlantic, Midwest states and Northeastern US.

www.harvestpower.com



Pacific Gas and Electric Company

Pacific Gas and Electric Company, incorporated in California in 1905, is one of the largest combination natural gas and electric utilities in the United States. Based in San Francisco, the company is a subsidiary of PG&E Corporation. There are approximately 20,000 employees who carry out Pacific Gas and Electric Company's primary business—the transmission and delivery of energy. The company provides natural gas and electric service to approximately 15 million people throughout a 70,000-square-mile service area in northern and central California.

www.pge.com



Puregas Solutions

With more than 20 years' experience Purac Puregas designs and delivers biogas upgrading solutions using the unique CAPure process. Raw Biogas is upgraded to biomethane / Renewable Natural Gas for direct grid injection, compression for vehicle fueling or liquefied to provide Bio LNG. Purac Puregas works in partnership with our customers to ensure our fully integrated upgrading solutions provide the highest revenues possible and maximize returns.

www.purac-puregas.com/puregas-solutions



Clean Energy

Clean Energy Fuels Corp. (Nasdaq: CLNE) is the largest provider of natural gas fuel for transportation in North America. We build and operate compressed natural gas (CNG), liquefied natural gas (LNG) fueling stations; manufacture CNG and LNG equipment and technologies for ourselves and other companies; and develop renewable natural gas (RNG) production facilities.

www.redeem.cleanenergyfuels.com

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Sacramento Clean Cities Coalition

Clean Cities is a government-industry partnership designed to reduce petroleum consumption in the transportation sector. Clean Cities contributes to the energy, environmental, and economic security of the United States by supporting local decisions to reduce our dependence on imported petroleum. Established in 1993 in response to the Energy Policy Act (EPAct) of 1992, the partnership provides tools and resources for voluntary, community-centered programs to reduce consumption of petroleum-based fuels. In almost 100 coalitions, government agencies and private companies voluntarily come together under the umbrella of Clean Cities. The partnership helps all parties identify mutual interests and meet the objectives of reducing the use of imported oil, developing regional economic opportunities, and improving air quality. Sacramento Clean Cities encompasses fleets in Sacramento, Placer, El Dorado, Yolo, Solano, Yuba and Sutter Counties. We seek to develop cooperative joint ventures that will help businesses and member agencies meet these goals in a cost effective manner.

www.cleancitiessacramento.org



Sacramento Municipal Utility District

As the nation's sixth-largest community-owned electric service provider, SMUD has been providing low-cost, reliable electricity for more than 65 years to Sacramento County (and small adjoining portions of Placer and Yolo Counties). SMUD is a recognized industry leader and award winner for its innovative energy efficiency programs, renewable power technologies, and for its sustainable solutions for a healthier environment. SMUD is the first large California utility to receive more than 20 percent of its energy from renewable resources.

www.smud.org



Southern California Gas Company

Sempra Energy is focused on delivering a safe and reliable supply of energy to more than 32 million consumers using a low-carbon model that includes natural gas, energy efficiency, renewable power and innovative technologies. Sempra Energy supports the transition to cleaner burning fossil fuels in the regions we serve with natural gas as a foundation fuel.

www.socalgas.com



South Coast Air Quality Management District

The South Coast Air Quality Management District (SCAQMD) is the regional air pollution control agency for the combined urban areas of Los Angeles, Riverside, and San Bernardino counties and all of Orange county. The SCAQMD works to accelerate deployment of low-emitting vehicles, technologies, and products so that more than 16 million Southern California residents can breathe cleaner air – and live healthier lives. SCAQMD's technology advancement program is internationally recognized for its comprehensive portfolio of public-private collaborations to demonstrate and deploy clean technologies including battery-electric, plug-in hybrid, hydraulic hybrid, hydrogen, fuel cell, and renewable natural gas applications.

www.aqmd.gov



Trillium CNG, a Love's Company

Trillium CNG is the newest member of the Love's Family of Companies, bringing two decades of CNG expertise to serve Customers at more than 100 CNG facilities across the country. Trillium CNG provides fuel for thousands of natural gas vehicles daily and delivers more than 55 million gallons of CNG per year. Combined, Love's and Trillium operate 65 public-access CNG facilities. Whether you want to install a private fueling station for your own fleet or partner with Trillium to provide a public access CNG fueling station, we have a turnkey model for installing CNG fueling infrastructure that covers everything from concept through completion. Our core services include designing, installing, and operating a fuel system that is guaranteed to meet your needs. Trillium's turnkey approach provides support for every aspect of the CNG project, so you can focus on your core business.

www.trilliumcng.com



Young Professionals in Energy (YPE)

Young Professionals in Energy (YPE) is a non-profit organization with more than 40,000 members worldwide. By providing a forum for networking and career development through social, educational and civic service opportunities, YPE aims to facilitate the advancement of young professionals in the global energy industry. YPE runs a year-round calendar of events in 40 chapters around the world.

www.ypenenergy.org/los-angeles



Photo courtesy of Iberdrola Renewables



Creating a sustainable future to better serve our customers

At PG&E, our sustainability commitment is an integral part of our business. We look forward to working with our stakeholders to identify actions we can take to do even more.

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pge.com/sustainability



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