

# NET ZERO 2017

## ENERGY + WATER + WASTE

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### Net Zero 2017 Conference

**Keynote Speakers: California State Senator Kevin de León, Dr. Chris Luebkehan of Arup, and the Honorable R. Rex Parris, Mayor of the City of Lancaster**

**4<sup>th</sup> Annual Conference Hosted by Verdical Group; Registration is Open**

LOS ANGELES, CA - The nation's largest net zero building event, the [Net Zero 2017 Conference: Energy + Water + Waste](#), will be held on August 24th, 2017. The event takes place from 7:00am to 5:30pm at the IBEW-NECA [Net Zero Plus Electrical Training Facility](#) located at 6023 Garfield Ave. in Commerce, CA. Registration is now open for everyone.

Net Zero Energy + Water + Waste is the nation's largest conference dedicated to net zero building design. Attendee registration has nearly doubled in each of its first three years, thereby showing the building industry's increasing interest in a net zero future. Verdical Group, the conference organizer, is projecting the host venue to be at capacity again with 675 attendees for the fourth annual event on August 24, 2017. This annual conference draws a wide array of high-level decision makers and will also provide six Continuing Education Units for AIA, USGBC, and LFA professional credential holders.

Net Zero 2017 will include a full program of net zero case study presentations from nationally leading AEC firms, two panels, a large exhibitor table expo, and high quality networking opportunities. The conference features thought leaders from the International Living Future Institute, National Renewable Energy Laboratory (NREL), New Buildings Institute, Gensler, BNIM, Integral Group, Southern California Edison, UCLA, LADWP, SoCalGas, and more.

Morning, afternoon, and evening keynotes include President of the California State Senate, Senator Kevin de León, Arup's Director for Global Foresight, Research and Innovation, Dr. Chris Luebkehan, and the Honorable R. Rex Parris, Mayor of the City of Lancaster, California, respectively. Senator de León has dedicated his career to facilitating the growth of California's green economy by creating jobs and introducing environmentally friendly policies in Los Angeles. He is also the first person of Latin-American descent to be President of the California State Senate. Dr. Luebkehan travels the world giving keynote addresses, talks, and workshops to government agencies, non-profits, corporations, and industry groups. His mission is to facilitate conversations about how to best embrace change and its effects on the built environment. The Honorable R. Rex Parris, currently serving his fourth term as Mayor, has been at the forefront of repositioning Lancaster as a global leader in the field of alternative energy. Mayor Parris' tenacity for serving his community has garnered many municipal "firsts," including shepherding the City of Lancaster to becoming one of the world's first net zero energy cities.

The conference host venue, the IBEW-NECA Net Zero Plus facility, was featured in a recent PBS documentary, narrated by TV star Ted Danson, on net zero buildings and is one of the few net-positive buildings in the country, producing more energy that it uses annually. Multiple tours of this groundbreaking facility will be given by IBEW-NECA technical staff on conference day so attendees can see the net zero strategies used in person that make this project one of the highest performing

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buildings in the country. The facility is a living lab, complete with the latest energy efficiency features and building technology including a massive solar array, electric vehicle charging stations, energy use dashboards, advanced lighting systems, and a microgrid – all of which will be on display for attendees during the tour. Tours will take place alongside a Happy Hour in the Hall after the conference educational sessions from 4:15 pm – 5:30 pm. The Happy Hour in the Hall will include drinks, music, networking, and exhibitor hall time.

There will be two shoulder workshops held on August 23rd (day before the main event) and August 25th (day after the main event).

The New Buildings Institute (NBI) will be hosting a shoulder workshop on August 23rd at the same venue as Net Zero 2017, the IBEW/NECA Net Zero Plus Facility. This four-hour workshop will outline best practice steps and approaches to comprehensively enhance the energy performance of existing buildings to ZNE. The workshop will investigate retrofit opportunities in individual buildings as well as how advanced benchmarking can help prioritize opportunities across a portfolio. NBI will review technologies, approaches, processes as well as portfolio project prioritization methods. Case studies of building strategies and technologies will be presented including advanced strategies a design team can take to achieve ZNE on an existing building. The training will address operation and maintenance considerations, including energy monitoring for ongoing building performance.

The International Living Future Institute (ILFI) is hosting a workshop the day after the conference, on August 25th, at the Los Angeles Cleantech Incubator (LACI) in Downtown Los Angeles. This session will begin by taking a look at the Living Building Challenge, particularly the intricacies of the Energy Petal, to teach participants what is involved with achieving a Net Zero Energy project and what it means to become Net Positive. The session will showcase the latest Net Positive Energy Building projects, uncover the strategies and technologies used and the policies and programs in place that are accelerating the uptake of Net Zero and Net Positive Energy Buildings and Communities. Finally, the session will look to the future and uncover the trends emerging in Net Zero Energy, including the push to Net Positive Energy, and discuss how each participant can take the lessons learned into their own practice.

For **general information** and to **register** for Net Zero 2017 and the workshops described above, please visit [www.netzeroconference.com](http://www.netzeroconference.com). For **Sponsorship & Exhibitor** information, please complete this form linked [here](#), or contact Drew Shula at [drew.shula@verdicalgroup.com](mailto:drew.shula@verdicalgroup.com).

### **About Verdical Group**

Verdical Group is a full service green building consulting firm headquartered in Los Angeles. Verdical Group specializes in Project Management for Green Building Certification (LEED, WELL, Living Building Challenge, etc.), Commissioning, Energy Modeling, Program Management, and Events. Their clients include high profile organizations such as Cisco, Johnson & Johnson, Kaiser Permanente, the County of Los Angeles, and many others. ([www.verdicalgroup.com](http://www.verdicalgroup.com))

### **About Net Zero Conference: Energy + Water + Waste**

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