

MEDIA GUIDE: Net Zero

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USGBC's latest certification endeavor, [Net Zero](#), focuses on improving accountability and transparency through recognizing net zero energy, water and waste. LEED projects can achieve Net Zero certification when they demonstrate any or one of the following: net zero carbon emissions, net zero energy use, net zero water use or net zero waste. USGBC believes the new program will encourage a holistic approach for buildings and places to contribute to a regenerative future and enhance the health and well being for not only building occupants, but all of humanity.

[A01 - Climate Solutions Now: Zero Energy Industry Leadership](#)

Wednesday 11/14 1:30PM 196A

- Understand actions designers can take to include zero energy buildings as part of their practice
- Presenters: [Margaret Montgomery](#), Principal at NBBJ, [Chris Luehkeman](#), Arup Fellow and Director for Global Foresight, Research + Innovation at Arup, [William Hellmuth](#), Chief Executive Officer and Chairman at HOK, Inc.

[A08 - Teslas vs. Ducks - Can Zero Energy Buildings Kill the Duck?](#)

Wednesday 11/14 1:30PM 187

- Understand what causes the duck curve and why it is a problem for the grid and how localized batteries combined with photovoltaics can reduce demand on the grid.
- Presenters: [David Kaneda](#), David Kaneda / Principal and Thought Leader at Integral Group, [Peter Turnhuill](#), Principal, Zero Net Energy Projects at Pacific Gas and Electric Company, [Paul Torcellini](#), Principal Engineer at National Renewable Energy Laboratory

[B01 - The business case for Net Zero Campuses](#)

Wednesday 11/14 3:00PM 196A

- Describe the occupant engagement and financial benefits available for achieving LEED v4 BD+C Renewable Energy Production.
- Presenters: [Rob Brimblecombe](#), Manager, Engineering and Sustainability at Monash University, [Peter Marshall](#), Chief Operating Officer and Senior Vice-President at Monash University, [Andrew Wilson](#), Manager Energy & Sustainability at University of Queensland, Property & Facilities Division, [Kendra Wasiluk](#), Sustainable Development Planner at Monash University

[B07 - Nearly Zero Energy with Net-Zero Cost: From Single- to Multi-Family](#)

Wednesday 11/14 3:00PM Booth 1577 - Smart Energy ALA

- Describe why the incremental cost of achieving Net Zero Energy can become marginal as scale increases from single-family to multifamily.
- Presenters: [Sanyog Rathod](#), President & CEO at Sol design + consulting, [Joseph DiCesare](#), Project Executive at Woda Construction Inc.

[C01 - Mission Zero: Scientists' NZE Retrofit Fights Climate Change](#)

Wednesday 11/14 4:30PM 196A

- Build relationships with public authorities and enlist neighborhood support to remove zoning and preservation barriers to achieving a successful net-zero energy retrofit
- Presenters: [Chris McEntee](#), Executive Director/CEO at American Geophysical Union, [Yolanda Cole](#), Senior Principal and Owner at Hickok Cole, [Roger Frechette](#), Managing Principal at Interface Engineering

[D07 - Gaming for a Resilient Future: Net-zero Energy Campuses](#)

Wednesday 11/14 4:30PM 187

- Identify the challenges and limitations of achieving net-zero energy at a building scale.
- Presenters: [Premnath Sundharam](#), Global Sustainability Leader at DLR Group, [Roger Chang](#), Principal at DLR Group, [Terrance DeGray](#), Program Director, Bond Management Team at Cordoba Corporation

[E07 - Money, Methods and Motivations for Zero Energy Buildings](#)

Thursday 11/15 3:00PM Booth 1577 - Smart Energy ALA

- Participants will be able to represent the Zero Energy building commercial trends in North America and utilize those in their own advocacy for high performance buildings.
- Presenters: [Cathy Higgins](#), Research Director at New Buildings Institute, [Bill Maclay](#), Principal at Maclay Architects, [Andy Bush](#), Principal at Morgan Creek Ventures

[E07 - Zero Waste Design in Food and Hospitality: Eataly Case Study](#)

Thursday 11/15 4:30PM 187

- Consider best practices to ensure diversion of waste occurs as planned, to improve the waste score generated in LEED v4.1 O+M Prerequisite: Waste Performance.
- Presenters: [Clare Mifflin](#), Principal at ThinkWoven, [Christina Grace](#), CEO at Foodprint Group, [Elizabeth Meltz](#), Environmental Health at Eataly USA

G01 - Net Zero Energy - 3 paths to compliance in Climate Region 5

Friday 11/16 8:00AM 196A

- Learn what Net Zero Carbon is and how to achieve it if Net Zero Energy isn't achievable on your project.
- Presenters: [Lois Vitt Sale](#), Chief Sustainability Officer/Senior Vice President at Wight & Company, [Lisa White](#), Certification Manager at Passive House Institute US, [Vincent Martinez](#), Chief Operating Officer at Architecture 2030

H01 - Approaching Net Zero: Solutions for Commercial Buildings

Friday 11/16 9:30AM 196A

- Understand how market conditions for renewable energy and advances in building technologies are making it more feasible to achieve net zero energy in commercial buildings.
- Presenters: [Shanti Pless](#), Senior Energy Efficiency Research Engineer at National Renewable Energy Laboratory, [Holly Carr](#), Energy Technology Program Specialist at U.S. Department of Energy, [Bakari Kennedy](#), Director of Facilities at Suncoast Credit Union, [Susan Long](#), Sustainability Initiative Manager at REI