



MARCH TECHNICAL MEETING

DESIGNING ALL-ELECTRIC BUILDINGS

SPEAKER: STET SANBORN

We welcome you to join us for our technical meeting at the Hotel Biltmore in Santa Clara for an evening of sharing knowledge, fun, and networking.

Date: March 11th, 2020

Location: Hotel Biltmore

2151 Laurelwood Rd, Santa Clara, CA 95054

Time:

Check-in and Social:

5:30PM

Dinner

6:30PM - 8:15PM

YEA Mixer

8:30PM – Last Call

Cost:

Early bird Registration fee:

\$ 50/- (by Midnight March 4th)

Late Reg/Walk-ins/Non-Members:

\$ 60

RSVP: <https://sjashrae.org>

Speaker:

STET SANBORN

PRINCIPAL, SMITHGROUP



An award-winning designer with a background in both engineering and architecture, Stet serves as Principal and Engineering Discipline Leader in SmithGroup's San Francisco office. He specializes in Net Zero Energy and Net Zero Carbon design. Stet is a leading voice in statewide decarbonization efforts and building electrification; recently supporting the City of Berkeley's Natural Gas ban ordinance community outreach workshops and currently sitting on the San Francisco Mayor's taskforce on decarbonization. Stet leads efforts to incorporate high performance building enclosures, passive design strategies and advanced HVAC systems into a wide range of build types in pursuit of rapid decarbonization.

Stet earned a Bachelor of Science degree in Mechanical Engineering from Kettering University and a Master of Architecture from the University of California, Berkeley. He is currently a guest faculty member at UC-Berkeley teaching a course on energy and building science and frequently serves as a member of Technical Advisory Committees for the California Energy Commission EPIC grant research projects focused on Net Zero Energy design. Stet is currently a co-author of the upcoming ASHRAE Advanced Energy Design Guide for Zero Energy multi-family buildings, and has also served as an Adjunct Professor of Architecture at the California College of the Arts, teaching courses in building systems, sustainable design, and integrated building design

Presentation Summary

Stet will provide a background on the development of statewide decarbonization policies as well as the recent boom in local bay area city ordinances and code supporting the transition to electrified buildings. He will review systems and emerging technologies that are allowing for the rapid electrification of the built environment, including complex buildings such as research labs and medical projects. In addition, he will focus on load shifting strategies needed to enable a resilient and carbon-free utility grid.