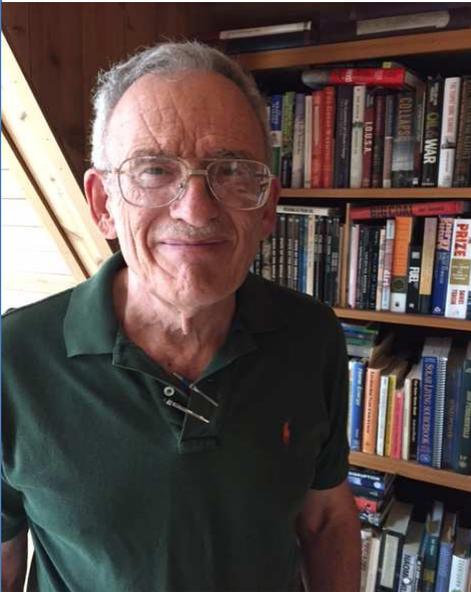


Welcome to the presentation on:

Toward Zero Carbon—A Residential Experiment

Bob Large



Short Description of the Presentation

An estimated 22% of US energy is used in the residential sector. Since the current portfolio of US energy sources is heavily tilted toward fossil fuels, the goal of reducing greenhouse gas emissions makes reducing residential energy use a major priority. This presentation will focus on an ongoing residential “experiment” in the indirect reduction of carbon emissions through the use of site-specific choices in energy efficiency and renewable energy subsystems. Basic principles, design choices, implementation results, and future implications will be discussed.

Speaker’s Biography

Lt. Col (ret.) Bob Large completed a 26-year career in 1989 as a USAF R&D officer, involved in the developmental and operational testing of a number of aerospace vehicles and weapon systems. In the following 15 years he was a Systems Engineer contractor employee at the Air Force Flight Test Center at Edwards AFB, doing long-range technical planning of flight test support systems. Following his second retirement, he has focused on a number of volunteer activities related to achieving a sustainable future, including A-Team member on the Antelope Valley Integrated Regional Water Management Plan Stakeholders Group, credit union board member, conservancy board member, and town council member. In addition to being a Life Member of IEEE, he has memberships in the American Solar Energy Society and the California Geothermal Heat Pump Association. His BS in EE is from Washington State University and his MS in EE is from the Air Force Institute of Technology.

Where: CSUN - JD 1568
18111 Nordhoff Street
Northridge, CA 91330

When: Thursday, Feb 9, 2017
6:00 – 6:30 PM: Pizza & Networking
6:30 – 7:30 PM: Presentation

No Cost, Space is limited –
Please RSVP at registration link
Large2017.Eventbrite.com

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