**Zero Net Energy and the School Community**

**for Administrators and Stakeholders:**

***Integrating ZNE in your School Plans & Policies***

**Monday, March 14, 2016 - 1:00-4:00 p.m.**

San Mateo County Office of Education

101 Twin Dolphin Drive, Redwood City, CA 94065

**Workshop Agenda**

**1:00 p.m. – 1:45 p.m. Welcome & Introductions**

* Welcome and Opening discussion
* CPUC – CA Goals for Zero Net Energy Buildings
* Overview, Background & Status of ZNE
* Prop 39 & ZNE in Existing Schools

**1:45 p.m. – 2:15 p.m. Case study presentations - ZNE & Ultra- Low Energy Schools**

* + - * Using Case Study Resources as a Guide
      * Georgina Blach School, Lisa Gelfand, Gelfand Partners

**2:15 p.m. – 2:45 p.m. Planning for ZNE – Introduction & Group Activities**

* Intro to the ZNE Planning Process
* Activity 1: Backcasting to ZNE - Goal Setting & Targets

2:45 p.m. – 2:50 p.m. Break

**2:50 p.m. – 3:15 p.m. Engaging & Educating Stakeholders for ZNE**

* Review of ZNE Tools & Resources
* Activity 2: Stakeholder & Communication Planning

**3:15 p.m. – 3:45 p.m. Incorporating ZNE into your Policies & Delivery Process**

* Financing, Budgeting, & Delivery Methods

**3:45 p.m. – 4:00 p.m. Group Discussion & Wrap Up**

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**Learning Objectives**

The Prop 39 ZNE institutional trainings will feature case studies of schools with zero energy design goals and performance, tools and exercises to help plan and advocate for ZNE buildings internally, and resources for creative financing, planning, and integrating curriculum into new school buildings and retrofits. The four-hour workshop is being developed from the experiences of the seven zero net energy early adopter workshops held in 2013-2015.  These NBI-developed sessions are designed to be interactive. The intention is to raise general awareness about concepts relative to zero net energy and provide specific tools that the attendees can take back and apply.

**After attending the workshop, participants will be able to:**

1. Describe the concept of zero net energy buildings and California’s goals for achieving ZNE by 2020 and 2030 as well as explain emerging trends identified in new research on ZNE.
2. Employ proven strategies for achieving ZNE and ultra-low energy school projects derived from successful ZNE Early Adopter examples in CA and nationally as models to emulate.  Strategies include funding, outreach and communication, building design and policy, as well as supporting sustainability curriculum in new and existing schools.
3. Educate others about ZNE utilizing new tools and other resources for communicating effectively with stakeholders and decision makers.
4. Execute a customizable process for developing ZNE plans and policies, including “back casting” and goal setting, ZNE stakeholder mapping and communication planning, as well as process planning to support pilot projects and future school policies.