



**SAVE International Metro New York Chapter and the  
IEEE New York Section/Consultant's Network invite you to attend:**

## **“ENERGY SIMULATION IN FACILITY VE STUDIES – A PARADIGM SHIFT”**

**Date:** Monday, February 6, 2012 – 6 PM

**Location:** 4<sup>th</sup> Floor Training Room  
STV Inc. Offices  
225 Park Avenue S. at 18<sup>th</sup> Street, NYC

**Presenter:** **Benson Kwong**  
CVS, PE, CEM, LEED AP, BEMP  
enVErgie consulting, LLC



ENERGY EFFICIENCY FOR BUILDINGS IS BECOMING MORE CRUCIAL IN VALUE ENGINEERING STUDIES as owners are looking for ways to reduce utility costs, achieve LEED, meet regulations, and be more eco-friendly. In this presentation, Benson will demonstrate free software developed by the U.S. Department of Energy, eQUEST, which makes it possible to calculate energy savings for multiple alternatives within the duration of a VE workshop. This energy simulation software, based on DOE2, can be as detailed and powerful as desired when used for LEED and ASHRAE compliance calculations. Yet in the “wizard” modes, it can quickly simulate energy savings resulting from changes in building envelopes, lighting and controls, and HVAC systems. The graphic feature offers opportunities to visualize building geometry as well as HVAC system configurations. The use of eQUEST will make VE studies “greener” both for the environment and for an owner’s utility budget.

Benson Kwong is an independent consultant and president of enVErgie, providing services in value engineering, energy analysis, sustainability design, and life cycle cost analysis. He holds master degrees in mechanical and electrical engineering, as well as in business administration.

**Cost:** **\$10 (Includes light dinner - No charge for students with a valid student I.D.)**  
**All welcome! NOTE: RSVP by 2/3 to: [michaudt@omb.nyc.gov](mailto:michaudt@omb.nyc.gov)**

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