

**IEEE – Power  
Engineering  
Society**

**Tuesday,  
November 27**



Hosted by: *California Public Utilities Commission*

THE INSTITUTE OF ELECTRICAL AND ELECTRONICS ENGINEERS, INC.

**San Francisco Chapter Presents:**

## **Solar Energy Technologies** *Emphasis on Concentrating Photovoltaic Technologies*

### **DATE & TIME**

*Tuesday, November 27  
12 p.m. – 1 p.m.*

### **LOCATION**

*CPUC Building  
Golden Gate Room  
505 Van Ness Ave.  
San Francisco*

### **INFORMATION**

*Use Civic Center BART station  
or Van Ness MUNI station*

### **RSVP REQUIRED**

*Space is not limited, but RSVP  
required for lunch count.*

*RSVP by November 23 to:*

*Ben Williams  
415-973-9473  
bewilliams@ieee.org*

### **LUNCH**

*Free for IEEE members  
\$5 for non-members*



It's an exciting time for solar energy. A confluence of events - technological developments, financing opportunities, political and consumer openness, climate concerns, and the rise in price of other fuel sources - makes solar energy particularly attractive at this time.

This presentation by Kevin Fine of GreenVolts will offer an overview of the various types of solar technology in development today and where they play in the market. There will be a special focus on the discussion of concentrating photovoltaics (the use of an optical system to concentrate light from an aperture onto a smaller solar cell), as this technology can be particularly well suited to utility scale deployment. The talk will conclude with an overview of the GreenVolts system and a discussion of LCOE – the Levelized Cost of Energy – as it relates to the system design of high concentration photovoltaic systems.

Kevin Fine, Director of Product Development at GreenVolts, spent six years in engineering, marketing, and project management at Agilent Technologies. Kevin leads a growing team of engineers and brings particular strengths in the areas of product design and development of opto-mechanical systems. He has an MS and BS in Mechanical Engineering from Stanford.



GreenVolts is an early-stage solar startup developing concentrated photovoltaic technology for the utility market. Its unique technology will deliver clean, reliable energy to utility companies on a massive scale - so that they can provide green energy to the public economically and with only a flick of the switch. The Green Volts system will allow everyone to enjoy green energy directly from their regional power grid. Current projects include a 2 MW high concentration PV system being deployed for PG&E.