

NCCAVS
PLASMA APPLICATIONS GROUP
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FREE ADMISSION—No need to register, just show up!!

Topic: Greenhouse Gas Emissions Management and Climate Protection

Meeting Date: MAY 14, 2012

Start Time: 1:30 – 5:00pm

Location: SEMI Global Headquarters

Seminar rooms 1 & 2
3081 Zanker Road
San Jose, CA 95134

****Park in front or behind the
vacant building across from SEMI****

Chair: Lucia Feng, lmfeng@earthlink.net

AGENDA

1:30 – 1:40 Welcome and Introduction

1:40 – 2:20 “Update on Implementation of AB 32, the Global Warming Solutions Act of 2006, Including the Cap-and-Trade Regulation”, Brian Bateman, Bay Area Air Quality Management District

The presentation will provide background information on the requirements of AB 32, and an update on the status of its implementation with a focus on the Cap-and-Trade regulation that has been adopted by the California Air Resources Board. The Cap-and-Trade regulation contains market-based compliance mechanisms to ensure that the State's Greenhouse Gas (GHG) emissions are reduced to 1990 levels by the year 2020. Several other "command-and-control" regulations that have been adopted pursuant to AB 32 to reduce GHGs will also be briefly discussed.

Biography:

Brian Bateman is the Director of the Compliance and Enforcement Division at the Bay Area Air Quality Management District. Mr. Bateman has worked at the Air District for the past 30 years, and he previously worked for the U.S. EPA. He holds a B.S. in Environmental Engineering from Syracuse University, and an M.S. in Environmental Health Sciences from Harvard University.

2:20 – 3:00 “Solar and the Future Energy Mix”, Paula Mints, Principal Analyst for Solar Services Program, and Director in Energy Division, Navigant Consulting, Inc.

Biography:

Ms. Paula Mints is the Principal Analyst for the Solar Market Research Program, and a Director in Navigant's Energy Division, located at Navigant Consulting, Inc.'s Palo Alto, CA, office. Ms. Mints also serves as executive editor of the Solar Outlook Bimonthly Newsletter. The Solar Services Market Research program dates to 1974 and is a globally recognized market research practice. Ms. Mints is recognized as having expertise in photovoltaic (PV) technologies and markets in context with CSP and CPV technologies. Ms. Mints provides clients with objective, comprehensive PV industry analysis based on extensive primary research, including forward-looking understanding of market and technology trends. In 2012, she will speak at over 40 conferences as well as publishing twice a month with PV World/ElectroIQ, as well as Renewable Energy Focus. Ms. Mints will also publish quarterly with Renewable Energy Focus.

3:00 - 3:20 Break

3:20 – 4:00 “POU Abatement Equipment Requirements and Performance for the PV-Manufacturing Industry”, Ken Lykins, Exhaust Gas Management Group, Edwards Vacuum Inc.

Biography:

Ken Lykins has spent the last 12 years working for Edwards Vacuum Inc., Exhaust Gas Management Group. Since 2007 he has held the position of a Product Manager, but prior to that he held positions as Product Specialist and in as Business Development manager within the Edwards Abatement Product Group. Ken has a background in Chemistry and Chemical Detection Systems, and holds a BS degree in Biochemistry from the University of CA at Davis.

4:00 – 4:40 Panel Discussion & Questions from Audience

“California’s Cap-and-Trade Carbon Market”

Moderator: Debra Vogler, Instant Insight Inc.

Panelists (by alphabetical order):

- Brian Bateman, Bay Area Air Quality Management District
- Ken Lykins, Edwards Vacuum Inc.

Biography:

Debra Vogler earned her BS and MS degrees in physics from Marquette University. After a 20-year career in reliability engineering (in the defense and semiconductor equipment industries), she turned her attention to journalism and communications in 1998. A former senior technical editor at PennWell for a mix of print and online publications including *Solid State Technology*, *Photovoltaics World*, *The Daily Pulse*, and electroiq.com, Ms. Vogler is a seasoned journalist. She is also an experienced interviewer, having produced and hosted several hundred video and audio interviews. In 1998, she founded (and is president of) the media production company, Instant Insight Inc. She is the executive producer of pilot episodes of *Silicon Valley Weekend* and *Curious Duck*® (a children’s science show) as she continues to work on editorial projects in the semiconductor manufacturing sector.

4:40 – 4:55 Networking/Mixer

5:00 Close of Meeting

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