

## **Smart Grid Seminar Schedule for Fall 2010 at CETI**

Maryland Clean Energy Technology Incubator at bwtech (CETI) at University of Maryland Baltimore County (UMBC) is starting a seminar series this Fall with focus on the Smart Grid. The intent is to discuss the issues and opportunities, and then speculate about the business opportunities associated with the major restructuring of the electric grid that is about to happen. Huge (tens of billions of dollars) investments are committed to the Smart Grid for the coming decade. So, join the seminars at CETI this Fall to interact with speakers and participants to explore your business opportunities. **The seminar is FREE!**

Our first speaker, Mr. Peter Kelly-Detwiler, is an ideal person to speak about the Smart Grid. He is leading a group at Constellation Energy that is developing new methods for data analysis and data presentation, he is an “entrepreneur” within Constellation, he has 20 years of experience in the energy field, and he has a perspective on the Smart Grid like few others.

**Seminar Title:** *A Smart Grid Perspective: Finding Value in the Collision of Energy and Information*

**Seminar Abstract:** Many people have heard of the term “smart grid” and there are many varying interpretations of what it means. But everybody can agree on three things:

- It involves increased and timely access to information.
- There’s money in it.
- It will create new and unforeseen technologies and entrepreneurial opportunities.

The discussion will center around why smart grid is needed, how an energy provider views the challenges and opportunities, the forces we see gathering on the horizon, and how Constellation Energy is responding. Issues related to power grid economics, volatility, risk management, and customer elasticities and perspectives will be addressed.

Time: Wednesday, September 8, 4 pm – 6 pm  
Place: 2<sup>nd</sup> floor Courtyard Conference Room at UMBC Tech Center  
1450 South Rolling Road, Baltimore, MD 21227  
Format:

- ~ 45 minute presentation with Q&A
- Informal and interactive sessions to stimulate discussion
- Plenty of time to socialize and talk to other participants
- Snack and refreshments

### **Speaker Bio**

Peter Kelly-Detwiler is Senior Vice President of Energy Technology Services for Constellation NewEnergy, Inc., a subsidiary of Constellation Energy Group. He and his company-wide team oversee the integration of efficiency technologies and applications that help customers better manage their total energy bills and create optimal energy solutions. Peter has 20 years of experience in the energy industry. His accomplishments include managing the development of energy efficiency projects and reviewing economic impact of energy products.

RSVP to [bjorn.frogner@umbc.edu](mailto:bjorn.frogner@umbc.edu) will be appreciated. Detailed directions available.

### **Future Speakers and Topics**

<b>Speaker</b>	<b>Affiliation</b>	<b>Tentative Date</b>	<b>Topic</b>
Prof Robert Broadwater	Virginia Tech	<b>September 20 (Firm date)</b>	Modeling of the electric grid
Jill Sorensen	BEVI	Early October	Electric vehicles. Challenges and opportunities
Steve Sarnecki	OSIsoft	Late October	Real time data monitoring and control for process applications
Prof Hillol Kargupta	CSEE Dept of UMBC	TBD	Topic TBD
Mahi Reddy	SemaConnect	TBD	Electric Vehicle Charging Infrastructure: Overview, Challenges and the Future
Gary Skulnik	Clean Currents	Early November	Aggregation of electric power from various energy sources: Overview, Challenges and the Future.
Aaron Vigil-Martinez	MCEC	Late November	Potential funding sources for smart grid projects

