



INCOSE Chesapeake Chapter
International Council on Systems Engineering



cordially invites you to a Joint

Monthly Dinner and Lecture

Wednesday, 18 April 2012 (6:00 – 8:00 pm)

Life after the Northeast Blackout of 2003

Michael J. Kormos, senior vice president – Operations of PJM Interconnection

**Location: Applied Physics Laboratory, Johns Hopkins University
11100 Johns Hopkins Rd Laurel MD 20723 (Main Entrance – Lobby 1)**

Presentation: PJM Interconnection, founded in 1927, is the oldest continuing power pool in the world and the largest electric power grid in North America. Its grid management operations integrate into one coordinated system, multiple transmission systems and independently operated generating stations and other supply resources. The blackout of 2003, one of the greatest challenges to face PJM operators, was weathered through advance system planning. Recently, PJM implemented the world's most advanced energy management system. It not only replaces legacy systems but provides real-time operational redundancy and better facilitates the integration of new resources such as demand response, energy efficiency and distributed resources. Today, PJM is addressing the challenges of intermittent renewable resources, impending retirements of large amounts of coal-fired generating capacity because of the cost of complying with environmental regulations, the approaching transformation of the generation fuel-mix as a result of low-priced shale gas, and the challenges of accommodating public policy while maintaining reliability.

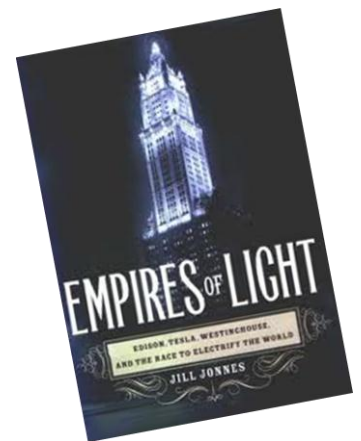


Speaker: Michael J. Kormos, senior vice president – Operations of PJM Interconnection, is responsible for all services that touch reliability, including System Operations, System Planning, Information and Technology Services, Security and Regional Coordination. Previously, Mr. Kormos was the vice president of System Operations and has served in various management and engineering positions in the Operations Division. Mr. Kormos earned a bachelor of science in electrical engineering from Drexel University and a master of business administration from Villanova University. PJM Interconnection ensures the reliability of the high-voltage electric power system serving 60 million people in all or parts of 13 states and the District of Columbia. PJM coordinates and directs the operation of the region's transmission grid, which

includes 61,000 miles of transmission lines; administers a competitive wholesale electricity market; and plans regional transmission expansion improvements to maintain grid reliability and relieve congestion.

Delicious friendly networking buffet dinner: Sesame-ginger stir fried chicken; Jasmine rice and Stir fried Asian vegetables with garden salad dressing, rolls and butter, dessert, coffee and iced tea.

Dinner Cost: Guests: **\$25**; INCOSE and IEEE members: **\$20** if payment is received by April 13th, 2012, **\$25** afterwards. To pay by credit card or PayPal, visit our registration webpage for details <http://www.incose-cc.org/registration/>



Door Prize for this month

Presentation ONLY: FREE at 7pm in Parsons Auditorium

Corporate Sponsor: We wish to thank the Applied Physics Laboratory for supporting the systems engineering profession through use of their facilities.

Our Evening's Agenda

5:45 – 6:00 pm	Arrival and Socializing
6:00 – 6:45 pm	Dinner
6:45 – 6:50 pm	Meet
6:50 – 6:55 pm	Chapter Business Items
7:00 – 8:00 pm	Lecture

Directions: **JHU APL**, 11100 Johns Hopkins Road, Laurel, Maryland 20723, Phone (443) 778-5000
See APL's Visitor Guide for more: <http://www.jhuapl.edu/aboutapl/visitor/default.asp>

From Washington DC and Capital Beltway (I-495):

Take I-95 North toward Baltimore, 10 miles to Columbia exit (MD Route 32 West),
Go 2.5 miles to the Washington DC exit (US Route 29 South).
Go 1.5 miles south and take Johns Hopkins Road exit (bear right at the top of the hill).

Or from the Capital Beltway (I-495):

Take US Route 29 North (Colesville Road) 10 miles and follow signs for the turn onto Johns Hopkins Road.

From Baltimore and Baltimore Beltway (I-695):

Take I-95 South toward Washington DC.
Go 13 miles and take Columbia exit (MD Route 32 West).
Go 2.5 miles and take Washington DC exit (US Route 29 South).
Go 1.5 miles south and take Johns Hopkins Road exit (bear right at the top of the hill).

Once you're on Johns Hopkins Road:

APL is a half-mile west of US Route 29 on your right side. Go past the first entrance, continuing past the pond and take the next right turn onto a tree-lined lane. Park in the visitor's lot on your left side. Enter at the main entrance marked **Building 1** (flagpoles and traffic circle in front).

Dinner is held in the Howard County Room #3 located at the end of the cafeteria hallway to the right of the entryway just before the Guard's desk.

