EE 500E Energy & Environment Seminar

Title: Cybersecurity for the Electric Grid

Speaker: Paul Skare, Chief Cyber Security Program Manager, PNNL

Location: MEB 238, UW campus

Map: http://www.washington.edu/maps/?l=MEB

Time and Date: 4:30 PM, Thursday, September 29, 2011

Abstract:

Cybersecurity for the electric grid covers many domains - from product management to IT to regulatory compliance of operations. This introduction to the topic raises these points for thought, and looks at current activities to regarding Cybersecurity including IEC/ISO standards, NIST and DOE guidance, and NERC standards for compliance. The discussion will conclude with trends and include references for further investigation.

Paul Skare (CISSP) is the Chief Cyber Security Program Manager in Advanced Power & Energy Systems at PNNL. Previously Paul worked for Siemens Energy Automation for 26 years, starting out in power applications, worked as the R&D manager for SCADA, Product Lifecycle Manager for some EMS and substation automation products, and most recently he was the Director of Cyber Security. In the past 3 years, he worked on a DOE funded R&D project on cyber security for the power grid, and had a patent published on Cybersecurity for control systems. Paul is the Convenor of Working Group 19 in IEC TC 57 and a member of WG 13 & 15 and former WG 7. Paul is a member of the IEEE PES and the worked in IEEE P1689, P1711, and P2030. Paul has twice testified to the US Congress on cyber security for control systems. Paul has been active in the NERC CSSWG, has been in numerous NERC working groups associated with Hydra and the new GridX cyber security exercise, and has been active in the DHS ICSJWG and CyberStorm III programs.

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