High MW Electronics – Industry Roadmap Meeting

December 11th, 2009

8:30am – 3:00pm

Challenges to growth of Grid Connected Electronics

8:30am Opening Remarks, High MW Roadmap Committee and NIST Host

9:00 am David Prend, Rockport Capital, “Barriers to Large Scale Grid Penetration”

9:30am John Lushetsky, DOE Solar Program, Program Manger

10:00 Colin Schauder, Satcon, Satcon Fellow “Isochronous Grid through Electronics”

10:30 – 10:50 BREAK

10:50 Jeffrey B. Casady, SemiSouth, “ Recent Advancements in SiC power devices & the impact of normally-off SiC JFETs on PV and wind inverter platforms“

11:20 Jerry FitzPatrick, NIST on Smart Grid Interoperability

11:40 Al Hefner, NIST on Energy Storage PAP for Smart Grid Interoperability

12:00 – 12:45 LUNCH

12:45pm Charlie Vartanian, A123 Systems Energy Solutions Group, “Storage; Smart interfaces for Frequency Regulation & Beyond” “Storage, Storage interfaces, Frequency Regulation”

1:15pm Madhav Manjrekar, Siemens, “Green Energy and Power Systems”

1:45pm Le Tang, ABB “Smart Grids and Power Electronics”

2:15pm Kevin Tomsovic, University of Tennessee “Power System Control Issues for Renewable Integration”

2:45-3:00pm Concluding Remarks and Adjourn