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## State of the Union on Florida Energy

## March 23, 2016

## University of Florida, Gainesville FL – Reitz Union, Chamber Room

## Agenda

9:00 to 10:00am: Registration

10:00 am: **Welcome and FESC Overview**, Dr. David Norton, FESC Director, VP of Research, UF

10:15 am: **The State of Energy in Florida**, Buck Martinez, Sr. Director Office of Clean Energy, FP&L, Chair of FESC Advisory Board

10:40 am: **Florida’s Energy Future**, Amy Stein, Associate Professor of Law, UF

11:00 am **PANEL SESSION I: Smart Grid and Integration of Renewables (*10 min presentations followed by a panel discussion) – Moderator: Buck Martinez***

Energy interests at Duke Energy, Tom Lawery, Wholesale Renewables Manager, Distributed Energy Resources, Duke Energy, FESC Advisory Board Member

Smart Grid Cyber-Physical Security: An Innovation Approach, Dr. Arturo Bretas, ECE, UF

Grid Security, Dr. Mark Tehranipoor, ECE, UF

IBM Cloud/Smart Grid Efforts, Michael Weinberg, and Vivian A Boykin, IBM Bluemix

Getting the Incentives Right for Renewables, Ted Kury, Director of Energy Studies, UF

**12:30 – 1:30 pm Lunch – Sponsored by FP&L and Duke Energy**

**1:30 – 3:00 pm: PANEL SESSION II: New and Exciting technologies (*15 min presentations followed by a panel discussion) – Moderator: Sean Meyn***

Indo-US Joint Clean Energy R & D Center, Dr. Wilfred Vermerris, Micro. & Cell Science, UF

Marine Energy: Hydrokinetic Power, Camille Coley, Assistant Vice President for Research, FAU

High Temperature H2 Production and Storage and Energy Initiatives at UF Energy Park, Dr. Jonathan Scheffe, Mechanical and Aerospace Engineering, UF

Siemens Wind Power and Renewables Division, Lanny Kirkpatrick, Technology Manager, Siemens Wind

3:00 pm – Meeting Adjourns