

Clean Energy Symposium

December 1, 2016

5:30pm **Welcome and Introductions**

5:40pm—6:00pm **Steve Kalland,**
NC Clean Energy Technology
Center

Climate Change, Sustainability, Clean Energy, The Big Picture

6:00pm—6:20pm **Ivan Urlaub**
NC SEA Director

A Vision for North Carolina's Sustainable Energy Economy

6:20pm—6:40pm **Les Hewlett**
ECU Energy Manager

UNC & ECU Renewable Energy Status

6:40pm—7:30 **Panel Discussion**

Sponsored by:

City of Greenville's Environmental Advisory Commission
Cypress Group of the NC Sierra Club



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Dr. Rusty Stephens

Dr. Stephens holds a Bachelor's and Master's degree from Florida State University and an Education Doctorate from Virginia Tech. He has served numerous community colleges throughout the country beginning in 1971. He has held positions ranging from instructor to president and has educated young people from Ohio to Georgia and places in between most recently as President of Wilson Community College. He is a member of the North Carolina Sustainable Energy Association and the Wilson Sustainable Community Council. He was the driving force behind the addition of the 70,000 square foot Student Center LEED Building to the campus of Wilson Community College.

Ivan Urlaub

Ivan Urlaub is the Executive Director of the North Carolina Sustainable Energy Association and serves on the Charlotte Smart Cities Council, *E4 Carolinas'* NC Electric Utility of the Future working group, and RMI's national Electricity Innovations Laboratory (e - Lab) team. Ivan is currently the Technical Principal Investigator on a U.S. DOE grant to craft actionable economic development roadmaps for clean energy product and service R&D, manufacturing and demonstration in NC and the Southeast. Ivan serves on the Three Zeros Advisory Board at UNC-Chapel Hill, he is the founder of the NC Clean Energy Business Alliance and has been recognized by the Charlotte Business Journal as a 2015 Energy Leader for North Carolina. He holds both a Master of Public Policy and a Master of Environmental Management from Duke University.

Steve Kalland

Stephen S. Kalland, Executive Director of the NC Clean Energy Technology Center, currently serves on the Board of Directors of the N.C. Sustainable Energy Association and is a past board member of the Interstate Renewable Energy Council, N.C. Green-Power, and the U.S. Combined Heat and Power Association. He is also on the Advisory Boards of the Research Triangle CleanTech Cluster and the Environmental and Energy Study Institute. Previously, Steve served as project manager with McNeil Technologies, Inc. of Springfield, VA and as the director for Government Relations and Grid-Tied Markets at Xantrex Technology, Inc. and as executive director of the Maryland-DC-Virginia Solar Energy Industries Association. Before that, he was the director of State Programs and Policy Analysis at the national SEIA. Steve graduated from the College of William and Mary in Virginia and received a Master of Science in Public Policy Analysis from the University of Rochester (NY).

Les Hewlett

Les Hewlett is Energy Manager at East Carolina University. After graduating from NC State University with a degree in Electrical Engineering, he was employed by Duke Power Company and, afterwards, Carolina Power & Light Company - from which he retired. Since retirement, he worked as an engineering consultant and volunteered as an energy assessor with Waste Reduction Partners. Les is a Certified Energy Manager and has served as Sustainability Engineer for the City of Fayetteville.