

# ***Friday's Solutions-Oriented Breakout Sessions***

**11:00<sub>a</sub> to 12:30<sub>p</sub> Plemmons Student Union**

Appalachian Energy Summit

APPALACHIAN STATE UNIVERSITY

Mr. Ged Moody

# 1. Designing and Constructing a Net-Zero Energy Building

How can you incorporate Net Zero Building technology concepts and technologies in your next renovation or new construction project?

Room Info:  
Beacon Heights  
Room 417

# 2. Understanding Renewable Energy System Partnering and Finance

Highlight examples of financing mechanisms for renewable energy projects that are relevant to North Carolina that can apply to higher education and business.

Room Info:  
Price Lake  
Room 201A

# 3. Creating and Managing an Energy Savings Performance Contract

Provide examples of Performance Contracts done to date, discussing successes and opportunities. How might performance contracting evolve to best meet our individual and collective needs?

Room Info:  
Table Rock  
Room 201B

# 4. Legislative Consensus Building for Creating Effective Energy Related Policy

Provide a North Carolina energy policy update, highlight policies that might be most relevant to higher education, discuss how state and UNC-system-level policies are developed, and how our campuses might work together in this expanding effort.

Room Info:  
Rough Ridge  
Room 415

# 5. Utilizing Energy Performance Data in Campus Communications and Building Automation

How can building and energy performance data aid in communicating successes and needs to our various campus constituents? How can this same data be used to automate building functions?

Room Info:  
Attic Window  
Room 137C

# 6. Integrating Energy and Sustainability into the Academy Experience

How might the activities and the success of the Appalachian Energy Summit be integrated with learning outcomes across our campuses?

Room Info:  
Linville Falls  
Room 226

# 7. Smart Grid and Your Campus

What is Smart Grid and how will it impact my campus in the future? Learn about best practices and evolving technologies.

Room Info:  
Macrae Peak  
Room 137B



# 8. Developing Efficient and Sustainable Transportation Infrastructure, Policies, and Processes

Campus transportation, transit and parking experts will discuss opportunities for improving energy efficiency and environmental aspects of their operations, identifying the most relevant metrics to track impacts and success, while seeking opportunities to share resources and ideas across the state.

Room Info  
Calloway Peak  
Room 137A

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# 9. Solar Decathlon Europe 2014: An Energy-Plus, Mixed-use, Campus Housing Case Study

A directed brain-storming session to address the applicability of alternative, modular housing solutions and renewable energy systems for campus housing. Based off of Appalachian's current participating in 2014 Solar Decathlon Europe. This session will feature students interacting with Faculty and Construction Professionals.

Room Info:  
Roan Mountain  
Room 120