



# Appalachian Energy Summit

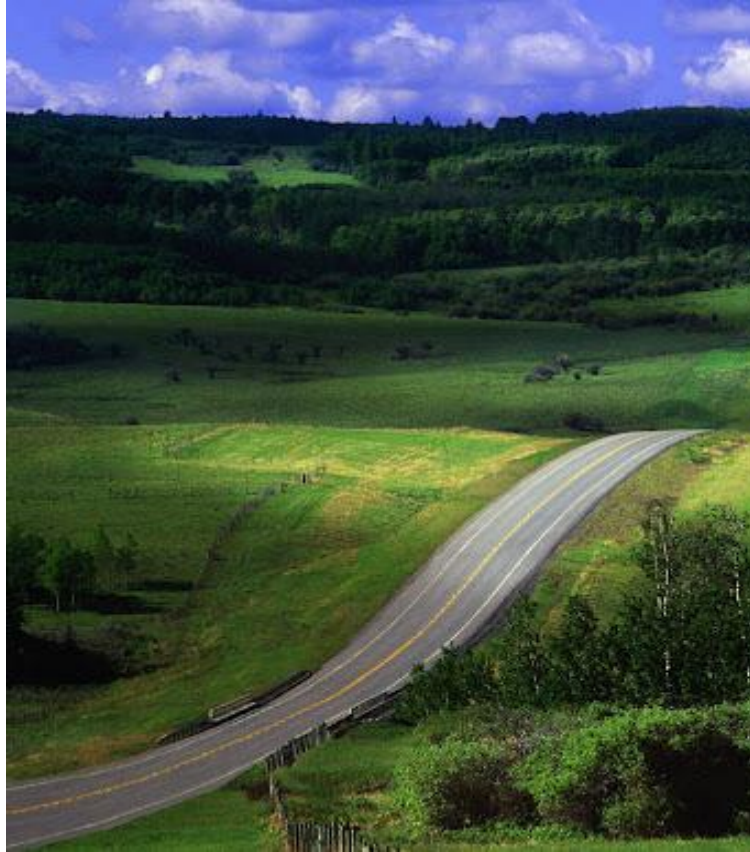
APPALACHIAN STATE UNIVERSITY

## Understanding the Multi-Year Initiative

Terrance Feravich : UNC GA

Ged Moody : Appalachian State

# This is your University, Your Initiative and Your Future.



**THE UNIVERSITY OF NORTH CAROLINA**



# Our Private Institution Partners

WAKE FOREST  
UNIVERSITY

Duke  
UNIVERSITY



CATAWBA  
COLLEGE



WARREN  
WILSON  
COLLEGE

DAVIDSON

# A Unique Gathering



# We Are All Educators





- To you
- Your Chancellor / President
- Rocky Mountain Institute
- Our Friends
- Our Sponsors
- State Energy Office
- Programming Team
- ASU Team
- Amy Sanders & Lindsay Miller



# Summit Programming Team

Jack Colby : NC State

Cindy Shea : UNC Chapel Hill

Sandra Clinton : UNC Charlotte

Terrance Feravich : UNC GA

Mike O'Connor : Appalachian

Kellie Stokes Appalachian

Ged Moody Appalachian

• Jeff Ramsdell : Appalachian

Alex Hobbs : NC State

Bob Powell : NC A&T

• Bill Chameides : Duke

Helene Hilger : UNC Charlotte

Michael Kinsley : RMI

• Betsy Herzog : RMI

# The Opportunity

**\$226 million.**

**\$1,000  
per student.  
per year.**



**\*\*25% Savings = \$1 Billion Savings over 20 Years**



# Our Goals

1. Educate our students to be the leaders of tomorrow
2. Reduce and stabilize the university's average annual energy expenditures, currently equaling \$1,000 per student... save the university system in excess of \$1 billion over 20 years.
3. Transform and stimulate the North Carolina economy...creating jobs in the new energy economy.
4. Position the University of North Carolina system and our Private Institution Colleagues as national leaders
5. Create a culture of environmental and economic sustainability across the UNC system

# Outcomes

- Common Understanding of the Problem/Opportunity
- Common Understanding of Solutions, Technologies, Practices, Policies, Partners, ...
- Ability to Locate Expertise within the State
- List of Prioritized Solutions/Opportunities
- Understanding of Barriers and the Path Forward
- A Collaborative functional workgroups prepared to share and work towards common goals
- Campus-based teams with specific actions plans designed to address the opportunity.

# Energy Summit 2013

(Assuming the Mayans were wrong).



its on!



# Agenda Preview

- Tuesday AM
  - Plenary Sessions
  - Imagine A University...
- Tuesday PM
  - Functional Working Groups
- Wednesday AM
  - Opportunity & Common Themes
  - University Breakouts

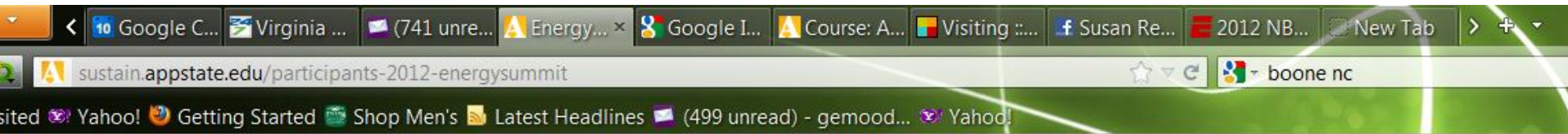
# The Working Groups

- Leadership Groups
  - Ongoing Activities, Collaborations
  - Quarterly Conference Calls
  - Mid-Year Face-to-Face Meetings
1. Leadership
  2. Finance & Regulatory
  3. Academic Integration
  4. Transportation
  5. Building efficiency
  6. Energy :Management, Operations, and Supply
  7. Energy: Planning and Systems Integration



**Do you know what group you are in?**

# A Collaborative Platform



Appalachian State University

Search:  Search



APPALACHIAN ENERGY SUMMIT ABOUT ACADEMICS RESEARCH INITIATIVES RESOURCES  
CONTACT



Home > Appalachian Energy Summit

## Energy Summit - Invitees Information

**\*The public is invited to join us Monday, July 9, 2012 at 7:00 p.m. for Amory Lovins Keynote Address "Reinventing Fire".**

The theme of the event is an action- and results-oriented summit. Facilitated by chief scientist **Amory Lovins** and the Rocky Mountain Institute, and co-facilitated by leading North Carolina universities, this event will feature a mix of keynote addresses, educational workshops, and planning discussions that are combined with opportunities for recreation, relaxation and networking. It is envisioned that this would be a recurring event, with year one focusing on education and the creation of aspirational goals. These goals will be the springboard to create savings and sustainable energy infrastructures.

**Click here to read a letter from President Ross to UNC Chancellors.**

In addition to UNC institutions, select North Carolina private institutions have been targeted for inclusion into the summit and initiative. **Click here** to view a full list of invited universities.

In order to promote broad participation, the inaugural summit event will be staged free of charge to all participants. Browse the links below to learn more.

## Quick Links

Appalachian Energy Summit  
APPALACHIAN STATE UNIVERSITY

- [Summit Home Page](#)
- [Agenda](#)
- [Breakout Groups](#)
- [Greening of the Summit](#)
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- [Travel and Accommodations](#)
- [University Data](#)





# A Mutual Commitment

## Appalachian Energy Summit

APPALACHIAN STATE UNIVERSITY

A transformational initiative guiding The University of North Carolina

*"Imagine a University..."*

### Signatory Commitment

We the undersigned are committed to the goals of energy savings and charting the path of a sustainable energy future for the University of North Carolina. To commemorate this commitment and to enable our successes toward these goals, we agree to actively participate in the University of North Carolina's Energy Summit collaborative initiative. To this end, we have specifically identified the following activities that we agree to pursue on our campus and at the system level.

1. Active participation in the Energy Summit Initiative,
  - a. Encourage the engagement of students, faculty and staff in this collaborative effort,
  - b. Participate in the 2012 and 2013 Energy Summit Events at Appalachian State,
  - c. Participate in the ongoing working groups and related activities prior to the 2013 Summit.
2. Submit existing datasets relative to energy usage, energy expenditures, and energy planning documents to the N.C. State Energy Office and the Energy Summit Initiative.
3. Work to develop a campus-based energy management program.
4. Work to envision and develop a campus-based "stretch goal" for energy reduction for the year 2020.
5. Participate in the effort to develop a system-level "stretch goal" for energy reduction for the year 2020.
6. Participate in the identification and development of the regulatory and financial mechanisms necessary to meet the goals associated with large-scale energy savings.

Signed: \_\_\_\_\_

Printed: \_\_\_\_\_

Title: \_\_\_\_\_

University: \_\_\_\_\_

Date: \_\_\_\_\_

*Thomas Ross!*

# Every Voice is Important









**We Begin Today.**