

Governor's Office of Agricultural Policy  
2011 Conference  
Thursday, February 10, 2011

## Economic Development through BioEnergy Symposiums

Kristina Anderson  
Program Manager, Div. of Biofuels  
Dept. for Energy Development & Independence



## *Intelligent Energy Choices for Kentucky's Future*

### Kentucky's 7-Point Strategy for Energy Independence

- Energy Efficiency—18% of energy demand
- Renewable Electricity—1000 megawatts
- Biofuels—12% of motor fuels demand
- Coal-to-Liquids—4 billion gallons
- Coal-to-Gas—supplement supplies to 100%
- Carbon Capture—50% of coal-based plants
- Nuclear—It must be in the discussion



## Gov. Beshear's Biomass Task Force: Laying the Foundation

- Establish "official" supply-demand potential
- Estimate the economic impact and capitalization requirements of a biomass industry
- Develop a vision on how such large volumes will be handled
- Assess Kentucky's ability to support the biotechnology
- Ensure that Kentucky can make the right business structures available
- Recommend a realistic incentive package that will encourage farmers to plant, foresters to harvest, and developers to build.



### Mandate: FINAL REPORT

## GOVERNOR BESHEAR'S EXECUTIVE TASK FORCE on BIOMASS and BIOFUELS DEVELOPMENT in KENTUCKY

Task: Capitalization mechanisms must be developed

GOAP and Division of Biofuels should, depending upon the economic health of the Commonwealth, assess public opinion of funding mechanisms. Examples could be:

- **Develop a program to inform and assist the public with federal loans and grants**



## Targeting Public Awareness

- Program should include discussion of driving forces for industry development
- KY specific programs should be highlighted
- Incorporate Host agencies to reach a diversified audience



## Agenda- DEDI & GOAP

- Governor Beshear's Executive Task Force on Biomass and Biofuels Development Final Report
- The Impact of Federal Mandates and Kentucky's Biomass Potential
- Clean Energy Portfolio standard analysis
- Integration of Energy and Agriculture



## Agenda- Collaborative partners

- United States Department of Agriculture's Rural Development Funding Opportunities
- KY Cabinet for Economic Development Business Programs
- New Energy Ventures Funding administered by Kentucky Science & Technology Corporation
- KY Pollution & Prevention Center Commercial and Industrial Energy Efficiency Programs



## Symposium Series 2010

- Aug. 12- Morehead Conference Center, co-hosted by Morehead-Rowan County Economic Development Council, Inc. and the Morehead Tourism Commission/Conference Center
- Sept. 22- The Opera House in Springfield, KY, hosted by the Bluegrass South Regional Economic Development Coalition
- Sept. 23- Prestonsburg, KY hosted by Big Sandy Area Development District
- Oct. 13- The Maysville Conference Center, hosted by TENCO Workforce Investment Board
- Oct. 19- The Henderson Agricultural Extension Conference facility, co-hosted by Northwest Kentucky Forward and the Henderson Chamber of Commerce
- Oct. 27- The Corbin Center for Technology & Community Activities, co-hosted by the Corbin Economic Development Authority and the Southeast Kentucky Industrial Development Authority Inc.



## Symposium Series- Encore

Nov. 8, 2010- The Purchase Area Development District Offices, co-hosted by the Purchase Area Development District, Fulton County-Hickman County Economic Development Partnership and West Kentucky AgBioworks.

Biofuels roundtable discussion- U.S.D.A. Biomass Crop Assistance Program

3-6 minute YouTube clips of symposium presentations coming soon!



## Biomass in Kentucky

### A Lifetime Opportunity!

**Biomass is the most wide-spread renewable energy source in the world!**

Fourth largest source of energy worldwide after coal, oil and natural gas



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**[energy.ky.gov/biomass](http://energy.ky.gov/biomass)**

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