
Coal Workforce Development Workshop

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Coal Forum: Beckley Presentation – Bajura April 29 2004

Welcome

WVU NRCCE WV Development Office WV Coal Forum

Outline

- History of Workshop Series
- Objectives of 2004 Programs
- Program Outlines
- Today's Session – Goals and Expectations
- Introductions and Acknowledgements

History of Workshop Series

- Governor Wise Appoints Energy Task Force
- West Virginia Energy Road Map Developed
- Charge to WV Development Office
- Initiation of Workshop Series
 - 2003
 - 2004

2003: Assessing our Leadership Role in Energy

Four Workshops

- Wind Energy – September
- Coalbed Natural Gas – October
- Hydrogen (from coal) – November
- Energy Infrastructure - December

2004: Coal's Role as an Energy Leader in West Virginia

Four Workshops

- Coal Workforce Development – Beckley – April 29
- Role of Coal in Economic and Homeland Security – Shepherdstown – July 22
- Coal Utilization Technologies – Morgantown – September 22
- National Coal Issues and West Virginia – Charleston – November 10

Objectives of 2004 Programs

- Focus on Coal through a series of educational meetings including a panel and workshop format
- Address major action items of the Coal Forum
 - Facilitate State energy policy; Pursue national energy forum; Promote clean coal technology and alternative coal uses; Improve regulatory and environmental performance, Promote a positive image of coal as a clean energy source and major economic driver
- Obtain broad participation by hosting meetings at different geographic venues
- Obtain feedback from participants and develop action recommendations

Format of Programs

- Summary of Energy Task Force initiatives and implementation actions
- Presentation on coal issues by a keynote industry speaker
- In-depth informational session on the selected theme for a given workshop
- Luncheon keynote address by high-level speaker
- Workshop session to identify key issues related to the theme and recommendations for action

Thematic Program Outlines

(2nd Workshop)

- Role of Coal in Economic and Homeland Security
[Paul Hardesty, WVDO]
 - Jobs
 - State revenues
 - Electricity generation and coal export sales; effect of energy costs on other industries
 - Energy independence
 - Land development
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Thematic Program Outlines

(3rd Workshop)

- Coal Utilization Technologies [Richard Bajura, NRCCE]
 - Control technologies for criteria pollutants
 - Control of other emissions
 - Carbon emissions management
 - Zero emissions power plants
 - FutureGen and Clean Coal Power Initiatives
 - Polygeneration systems
 - Mining of the future
 - Advanced coal power generation technologies
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Thematic Program Outlines

(4th Workshop)

- National Coal Issues and West Virginia [Chris Hamilton, WVCA]
 - National Energy Policy / Congressional legislation
 - Global climate change
 - State legislative initiatives
 - Environmental regulations and effect on coal power generation
 - Global / national drivers affecting availability of energy resources, new power plants – which fuel?
 - State policies, regulations,
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Thematic Program Outlines

(1st Workshop)

- Coal Workforce Development [David Lieving, WVDO]
 - Overview of the WV workforce system
 - Career counseling
 - Personal experiences
 - Labor force needs in future
 - Educational programs
 - Workforce recruitment and developing attractive career options for workers
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Today's Session - Goals and Expectations

- Provide participants with information and thought-provoking perspectives on workforce and other issues facing WV coal
- Identify a set of “top issues” related to workforce development; identify recommendations to address these top issues
- Develop a report on the session for distribution
- Obtain feedback from participants
- Energize participants to implement the knowledge gained from today's program

Introductions and Acknowledgements

- West Virginia Coal Forum - Created in 1986 at the direction of the WV Legislative Committee on Coal Mining to establish an outlet for both management and labor to jointly resolve or develop technical and other issues impacting the coal industry, particularly those issues of an economic nature.
 - Fred Tucker, Co-Chairman [UMWA]
 - Chris Hamilton, Co-Chairman [WVCA]
 - Kenneth Dickens, WV Board of Coal Mine Health & Safety

Introductions and Acknowledgements

- West Virginia Development Office - Promotes community and economic development in WV
 - David Satterfield, Executive Director
 - Jeff Herholdt, Energy Efficiency Programs Division Manager(We also thank the US Department of Energy for providing financial support to the WV Energy Office)

Introductions and Acknowledgements

- National Research Center for Coal and Energy at West Virginia University – Facilitates interdisciplinary programs with WVU faculty, industry, government and the private sector in energy and environmental research and service.
 - Richard Bajura, Director
 - Trina Wafle, Deputy Director
 - Tracy Novak, Conference Manager
 - Eric Jordan, Conference Services
 - Mark Hoffman, Resource Extraction Division Staff