

**MINUTES**  
**BOARD OF DIRECTORS PUBLIC MEETING**  
**WYOMING INFRASTRUCTURE AUTHORITY**  
February 1, 2010--Snow King Resort--Jackson, Wyoming

I. Welcoming Remarks and Introductions

Loyd Drain, Executive Director of the Wyoming Infrastructure Authority gave the welcoming remarks and introductions of the WIA Board members, State elected Officials and the sponsors for the reception and the luncheon.

II. Roll-call, Establish Quorum

Chairman Mike Easley called the meeting of the WIA Board of Directors to order at 8:05 a.m. February 1, 2011, at Snow King Resort in Jackson, Wyoming. Other Board members present included J.M. Shafer, Kyle White, Bryce Freeman and Bret Jones.

III. Approve Agenda

Kyle made a motion to approve the agenda. Bryce Freeman seconded that motion. The motion was approved by unanimous assent.

IV. Presentations

**Carbon Storage & Sequestration work by the Southern Companies:**

**Richard A. Esposito, Principal Research Geologist, Southern Companies** discussed the comprehensive work he is leading in the CCS arena which includes sequestration, storage and EOR activities.

See the posted presentation at: <http://wyia.org/newsworthy/wia%e2%80%99s-winter-board-meeting-held-in-jackson-on-february-1-2011>

**G E Energy's work with the University of Wyoming related to IGCC:**

**Paul Miller, GE Power & Water** provided an update on its work with the University of Wyoming's School of Energy Resources to develop an advanced gasification research and technology center in Wyoming. The center consists of a small-scale gasification system that will allow the University and GE Energy researchers to develop advanced coal gasification technology solutions for Powder River Basin and other Wyoming coals. Mr. Miller also addressed other activities with the State of Wyoming as well.

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**ICF's Phase 2 Collector System Study and Corridor Analysis:**

With the support of 100% DOE funding, the Wyoming State Energy Office, in cooperation with the WIA, managed a study which examined commercial models for a collector system as well as dispatch able generation (primarily natural gas) sources to address the variability of wind energy. In addition, Western Area Power Administration funded the Corridor analysis. Presenting ICF's findings was **Robert Henke, Sr. Vice President, ICF International**.

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**Official Release of NREL's Economic Benefits & Job Creation Study for Wyoming:**

The WIA is tasked with expanding Wyoming's economy through improvements in the State's electric transmission infrastructure; and facilitating the consumption of Wyoming energy for transmission. NREL was commissioned to conduct a comprehensive study which has further quantified the potential economic benefit to Wyoming which could result from the development of new power transmission; wind & natural gas-fired generation; and a collector system. **Eric Lantz, Policy Analyst, NREL** gave a presentation of the Study. The WIA applied-for and was successful in receiving a \$20,000 DOE grant which significantly mitigates the cost of the Study.

See the posted presentation at: <http://wyia.org/newsworthy/wia%e2%80%99s-winter-board-meeting-held-in-jackson-on-february-1-2011>

### **Transmission Updates for Projects being developed in Wyoming:**

A panel comprised of representatives from those companies developing transmission in Wyoming has been convened. Each panel member delivered a 10-15 minute presentation containing updates on the development progress; the impact on projects due to the state of the economy; development issues faced in 2010; and the hurdles to be overcome to reach project viability. The projects addressed included:

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- 1) Energy Gateway Projects—**Rich Walje, President, Rocky Mountain Power**
- 2) TransWest Express Project— **David Smith, Director, Engineering & Operations, TransWest Express, LLC**
- 3) Zephyr Project—**John Dunn, Director of Power Transmission, TransCanada**
- 4) LS Power's Projects— **Adam Gassaway, Project Manager, LS Power**
- 5) High Plains Express Project—**Tom Green, Principal Transmission Planning Engineer, Xcel Energy**

**Keynote Address:** We were pleased to have **Mr. Steve Black, counselor to Interior Secretary, Ken Salazar** who addressed the Administration's efforts relative to siting and development of renewable energy and transmission and the 'wild lands' rule.

### **Washington DC Update:**

**Tom Dennis, Executive Vice President, Cassidy & Associates** provided an update on issues impacting energy relative to Congress and the Obama Administration.

See the posted presentation at: <http://wyia.org/newsworthy/wia%e2%80%99s-winter-board-meeting-held-in-jackson-on-february-1-2011>

### **BP Wind Energy Overview:**

**John Graham, President, BP Wind Energy** provided an overview of the Company's wind energy activities throughout the United States including wind development in Wyoming.

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### **Geographical Diversity of Wind on either side of the Laramie Range:**

**Jonathan Naughton, Ph.D., Director, University of Wyoming's Wind Energy Research Center** has been commissioned by the WIA to examine the diversity of wind on either side of the Laramie Range in the Wheatland/Chugwater area where a significant amount of wind development is occurring.

See the posted presentation at: <http://wyia.org/newsworthy/wia%e2%80%99s-winter-board-meeting-held-in-jackson-on-february-1-2011>

### **An additional source of natural gas for Wyoming:**

**Brian Cree, Chief Operating Officer, Luca Technologies** presented the results of Luca's work regarding the impacts of its technology on Powder River Basin Coal and what this technology means to the State of Wyoming.

See the posted presentation at: <http://wyia.org/newsworthy/wia%e2%80%99s-winter-board-meeting-held-in-jackson-on-february-1-2011>

#### V. New Business

No new business was conducted.

#### VI. Public Comment Opportunity

No public comment was offered.

#### VII. Adjournment

J.M. made a motion to adjourn the meeting. Bret seconded that motion. Motion passed and the meeting was adjourned at 3:24 p.m.