

**Minutes of the UW Energy Resource Council
November 20, 2009**

Members present:

Representative Tom Lockhart (Council Vice Chairman)
 Keith Rattie – Chairman, President, & CEO, Questar Corporation
 Tom Stroock - CEO, Alpha Development Corp; former US Ambassador
 Paul Lang – President Western Operations, Arch Coal Inc.
 Rob Wallace – Manager, Government Relations, G.E. Energy
 Ingrid Burke - Ex officio, Director, RIENR
 Ron Harper, CEO & General Manager, Basin Electric Power Coop, (Council Chairman)

Members absent:

Senator Charles Townsend
 Maha Mahasanen – Senior Policy Advisor, Rio Tinto Energy America
 Jim Kleckner – VP of Operations, Anadarko Petroleum Corporation
 Tom Buchanan - Ex officio, UW President

Meeting Attendees:

Mark Northam
 Rob Hurless
 KJ Reddy
 Cath Harris
 Pam Henderson
 Sarah Schulmeyer
 Mary Byrnes

Welcome and Approval of the Agenda and Minutes

Chairman Ron Harper called the meeting to order at approximately 7:45 am. Tom Lockhart motioned and Paul Lang seconded that the August 28, 2009 minutes and the November 20, 2009 agenda be accepted. The motion was passed unanimously. (Minutes Appendix A) (Agenda – Appendix B)

Northam noted a change in the agenda, moving item 3 to item 2 in order to accommodate Roger Baalman, Director, Facilities Planning, who was giving an update.

Update on SER's Energy Resource Center

Mark Northam and Roger Baalman gave an update on the status of the School of Energy's Energy Resource Center. (Appendix C)

Update on Research Centers

The below Research Centers gave an Update:

- Enhanced Oil Recovery Institute (EORI) – Director Jim Steidtmann gave an update. (Appendix D) Tom Stroock made a motion to honor Jim Steidtmann's contributions with EORI with a plaque congratulating him. Rob Wallace seconded it. It was passed unanimously.
- Wind Energy Resource Center - Director Jon Naughton gave an update. (Appendix E)
- Wyoming Reclamation and Restoration Center (WRRC) – Director Pete Stahl gave an update. (Appendix F)

- Coal-Bed Natural Gas Center – Director David Bagley gave an update. (Appendix G)
- Center for Photoconversion and Catalysis – Carrick Eggleston, UW Professor of Geology and Geophysics and Bruce Parkinson, UW Professor of Chemistry gave an update of a proposal for the Center. (Appendix H)
- Clean Coal Technologies Center – Director Gus Plum gave an update.
- Fundamentals of Subsurface Flow Center – Director Felipe Pereira gave an update. (Appendix I)
- Center for Energy Economics and Public Policy – Director Tim Considine gave an update.
- Center for Energy Education – UW Education Instructor gave an update of a proposal for the center.

Faculty Additions

Northam gave an update on the two faculty positions he would still like to add to the School of Energy Resources.

Graduate Degree Development

K.J. Reddy gave an update on the development of the Graduate Degree. (Appendix J)

Outreach Update

Mary Byrnes gave an update on Outreach Events. (Appendix K)

Budget Update

Northam gave an update. (Appendix L)

2010 Meeting Dates

Dates for the 2010 calendar were set. (Appendix M)

Other Business

Northam discussed the status of Carbon Sequestration work at UW. SER was appropriated funding of \$8 million dollars from AML in the 2009 Legislative Session. That money has been leveraged to raise about \$21 million in total funding, including a significant DOE grant submitted by Carol Frost. Northam posed the question as to whether it might be beneficial for UW to form partnerships with industry to accomplish the total project in the Rock Springs area. (Appendix N)

Myron Allen, Provost & VP, Academic Affairs responded with some considerations:

- Important to have a plan
- UW is the best foundation in this arena as the state of Wyoming has a lot to offer, along with UW having the faculty expertise, investigators, and researchers.
- UW is already involved with the CO₂ project with the well being drilled due to the DOE grant, but will need more capital to finish the project.
- The work Carol Frost has started with the project has been successful and is a pathway to practical success for UW.
- A long term vision for the project could include an org chart for current events, and built out as demands of the project become more complex.
- SER is a natural place for this project to be under.
- Begin pursuing partnerships with agencies needed to be involved, along with ones that are long term.
- Include a list of “what ifs” in order to be prepared for setbacks, thinking ahead in order to maintain momentum by being prepared for technical problems and legal issues.

Tom Lockhart made a motion to adjourn the meeting at approximately 1:15 p.m. and Paul Lang seconded it. The motion was unanimously passed. The meeting adjourned at approximately 1:15 p.m.

Respectfully Submitted

Ron Harper, Chairman