



## Energy Resources Council Minutes

November 22, 2024  
7:30 AM - 1:30 PM

---

### ATTENDANCE

#### Energy Resources Council (ERC)

*Chairman Cindy Crane, Senator Jim Anderson, Representative Don Burkhart, Carl Bauer (online), Charlene Russell (online), Chad Teply, Dave Emery, Vello Kuuskraa (online)*

**Ex-Officio and Liaisons:** *Ed Seidel, Randall Luthi, John Koprowski, Dave True*

#### University of Wyoming Board of Trustees (BOT)

*Kermit Brown, John McKinley, David Fall, Laura Schmid-Pizzato, Michelle Sullivan, Dave True, Macey Moore (online)*

#### School of Energy Resources (SER) Staff & Members of the Public

*Ken Burnes (online), Tim Fischer (online), Holly Krutka, Scott Quillinan, Christine Reed, Kristi Russow, Kami Danaei, Matt Fry, Fred McLaughlin, Kyle Summerfield, Lon Whitman, Eugene Holubnyak, Erin Phillips, Trina Igelsrud Pfeiffer, Jerry Evans, Mike Smith, Parag Chitnis, Angela Ver Ploeg, Charles Nye, Rachel Ferrell, Ayla Carncross (online), Martha Reisch (online), Rob Creager, Kimmi Takaki (online), Marie Dudgeon (online), Heather Chandler (online), James Amato (online), Tiffany Bishop (online), Pat McLean (online), Carrie Ver Buerg (online), Brayden Connour (online), Dan Eakin, Autumn Eakin, Kaleb Peterson (online), Resham Thapa (online), Esther Wagner (online)*

### ERC JOINT MEETING WITH BOT

#### Call to Order

Chairman Crane called the meeting to order at 7:30 AM.

#### Welcome Remarks

BOT Chairman Kermit Brown welcomed everyone to the meeting and provided a special thanks and recognition to Rep. Don Burkhart for his service in the Wyoming Legislature.

SER Chairman Cindy Crane welcomed the group and gave a brief overview of SER. Additionally, she announced that SER is approaching its 20 year anniversary and ERC believes it has been successful in achieving the purpose of why it was created and continues to provide successful research and service for the state.

## Reports/Discussion

SER Executive Director Holly Krutka provided a year-in-review report outlining activities and updates from the School of Energy Resources. Dr. Krutka and Chairman Crane also thanked Trustee Dave True for his service as a liaison to the BOT.

## Closing Remarks

Chairman Brown and Chairman Crane adjourned the joint session at 8:49 AM.

## ERC REGULAR MEETING: ITEMS BY DETAIL

### Call to Order

Chairman Crane called the Regular Session to order at 8:58 AM.

### Approval of Agenda

**Motion** – Senator Anderson moved to approve the agenda.

Chad Teply seconded the motion.

The motion passed without objection.

### Approval of August 2024 Minutes

**Motion** – Senator Anderson moved to approve the August 2024 minutes.

Chad Teply seconded the motion.

The motion passed without objection.

### Approval of October 2024 Special Session Minutes

**Motion** – Senator Anderson moved to approve the October 2024 minutes.

Chad Teply seconded the motion.

The motion passed without objection.

### Wyoming Energy Authority (WEA) Exception Funding Records Amendment

A project led by GreenOre, Columbia University, and JCOAL to develop an innovative fly ash treatment technology using Powder River Basin Coal at the Wyoming Integrated Test Center (ITC), sought funding from the WEA to conduct the research. An agreement for \$250,000 (Phase I: \$100,000 & Phase II: \$150,000) with WEA was signed in 2021 with the project partners, and Phase I of the project was completed in 2022. Requirements for Phase II funding were not met and subsequent funding was not released.

The project was approved by the Energy Resources Council in 2020, but the vote was not recorded in the minutes. For accurate documentation, a retroactive vote to approve moving forward with Phase I of the GreenOre Fly Ash Research Project was requested of the ERC.

**Motion** – Senator Anderson moved to approve the project retroactively.  
Dave Emery seconded the motion.  
The motion passed without objection.

## **SER Executive Director Report**

### ***Overview and Updates – Holly Krutka***

Dr. Krutka provided an overview of activities in the ITC, the Center for Energy Regulation and Policy Analysis (CERPA), SER’s culture survey, and addressed action items from the August ERC meeting.

Dr. Krutka also provided an introduction of Matt Fry, the incoming director of CERPA.

### **Reports/Motions**

Full copies of the following SER reports are available in the November ERC Folio or upon request.

### **Questions for Non-Presenting Directors**

- Hydrogen Energy Research Center – Eugene Holubnyak
- Enhanced Oil Recovery Institute – Lon Whitman
- Outreach – Christine Reed

### **Presenting Director Reports**

- Research – Scott Quillinan
- Center for Economic Geology Research – Fred McLaughlin
  - The NETL Coal Ash Project will commence operation in December at the Wyoming Innovation Center.
- Center for Carbon Capture and Conversion – Trina Igelsrud Pfeiffer
- Cross Cutting Programs and Energy Engagement, Leadership, and Careers (ELC) Program – Erin Phillips
- Academics – Kami Danaei
- 3D Visualization Center – Kyle Summerfield

### **SER Financial Report – Rachel Ferrell and Holly Krutka**

## **New Business**

- 2025 ERC meeting dates were discussed.
- Recognition of outgoing ERC Board members: Rep. Don Burkhart, Carl Bauer, and Vello Kuuskraa.

Chairman Crane thanked all members for their significant contributions to the ERC Board and to the State of Wyoming.

Dr. Krutka thanked departing members for their work over the years and in their careers and partnerships with SER.

## **Adjournment**

**Motion** - Senator Anderson moved to adjourn the quarterly meeting.

Dave Emery seconded the motion.

The meeting adjourned at 12:05 PM.

## **NEXT MEETING DETAILS**

April 10-11, 2025, in conjunction with the Rocky Mountain Professional Landman Conference in Laramie.

## **Tasks and Assignments**

- Take action to ensure that the Wyoming Federal Delegation is aware of SER projects and priorities prior to interviewing candidates for Secretary of Interior and Secretary of Energy.

RESPECTFULLY SUBMITTED:

---

**Cindy Crane**  
*Chairman*

---

**James Anderson**  
*Vice Chairman*