



Energy Resources Council

Draft Minutes

August 23, 2024

7:30 AM - 1:30 PM

ATTENDANCE

Energy Resources Council (ERC)

Chairman Cindy Crane, Senator Jim Anderson, Representative Don Burkhart, Carl Bauer, Charlene Russell, Chad Teply, Dave Emery

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

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

Holly Krutka, Scott Quillinan, Fred McLaughlin, Kami Danaei, Erin Phillips, Christine Reed, Kyle Summerfield, Lon Whitman, Eugene Holubnyak, Roger Hillibush, Lily Jackson, Kara Fornstrom, Kristi Russow, Angela Ver Ploeg, Charles Nye, Tim Fischer, Rachel Ferrell, Trina Igelsrud Pfeiffer, Senator Don Dockstader, Mike Smith, Rob Creager, Dan Eakin, Brayden Connours (online), James Amato (online), Frankie Vogt (online), Carrie Ver Berg (online), Ken Burnes (online), Martha Reisch (online), Norbert Longsworth (online), Ayla C (online), Peighton Hayes (online), Kimmie Takai (online), Tiffany Bishop (online), ChooiKim Lau (online), Dawson Kleusner (online), Maddie Lewis (online), Cole Swisher (online), Tyler Brown (online), Resham Thapa (online), Kam Ng (online), David Lucke (online)

ERC REGULAR MEETING: ITEMS BY DETAIL

Call to Order

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

Approval of Agenda

Motion - Chairman Crane moved to approve the agenda.

Senator Anderson seconded the motion.

The motion passed without objection.

Approval of April 2024 Minutes

Motion – Chairman Crane moved to approve the June 2024 minutes with one amendment to reflect that Senator Anderson was not present at the June meeting.

Dave Emery moved to approve the June Minutes as amended.

Senator Anderson seconded the motion.

The motion passed without objection.

SER Executive Director Report

Overview and Updates - Holly Krutka

Dr. Krutka presented a supplemental budget request to be voted upon by the ERC.

- \$2.5 million for pyrolysis procurement and construction to account for inflation.
- \$2 million in matching funds - SER was appropriated \$2 million in the 2024 legislative session. That amount is nearly fully committed. SER is asking for another \$2 million.

Approval of Supplemental Budget Request

Motion – Senator Anderson moved to approve the supplemental budget requests as presented.

Representative Burkhart seconded the motion.

The motion passed without objection.

Exception Funding Request Recommendations and Discussion

Wyoming Technical Assistance Collaboration for Carbon Management (WYTAC-CM)

This project under FOA (DE-FOA-0003014) Regional Initiative for Technical Assistance Partnerships (RITAP) will develop a central data repository of robust technical and non-technical information to accelerate future development of carbon-storage projects in the Greater Green River Basin (GGRB) and Wind River Basin (WRB).

The cost share request total is \$1.2 million, with the funding request being split between the Economic Development Funds Innovation Subaccount account with \$546,010 from that account and \$653,990 from the HB0001H2023 Section 340. Carbon Capture, Utilization and Storage Fund which will zero out that account.

Motion – Chairman Crane made a motion to approve the cost share request for \$1.2 million split between the two WEA funds as requested.

Senator Anderson seconded the motion.

The motion passed without objection.

Reports/Motions

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

Questions for Non-Presenting Directors

- Academics - Kami Danaei
- Center for Energy Regulation and Policy Analysis - Kara Fornstrom
- 3D Visualization Center - Kyle Summerfield

Presenting Director Reports

- Research - Scott Quillinan
- Center for Economic Geology Research - Fred McLaughlin
- Center for Carbon Capture and Conversion - Trina Igelsrud Pfeiffer
 - A discussion centered on a startup company looking for funding to continue research and drive commercialization.
 - Several ERC members provided feedback that SER needs to work with UW to ensure that all licensing of intellectual property reflect the intention of the funding to SER.
 - Need to fix the fundamental breakdown in communication between Technology Transfer Office (TTO), Pls and Funding Unit (SER).
- Hydrogen Energy Research Center - Eugene Holubnyak
- Enhanced Oil Recovery Institute - Lon Whitman
- Outreach - Christine Reed

SER Financial Report - Rachel Ferrell and Holly Krutka

New Business

Representative Burkhart provided an update from his attendance at the American Nuclear Society Meeting where Wyoming featured prominently. The new president will visit Wyoming.

Executive Session

The executive session was called to order at 12:17 PM.

Regular session resumed at 12:54 PM.

Adjournment

Motion - Chairman Crane moved to adjourn the quarterly meeting. Senator Anderson seconded the motion. The meeting adjourned at 1:54 PM.

NEXT MEETING DETAILS

November 21-22, 2024, joint with University of Wyoming Board of Trustees

Tasks and Assignments

- Continue to move forward long-term action items:
 - Look into the heavy metal soil action item as data collection continues;
 - Provide a market analysis of coal-to-products and show economic competitiveness.
- Provide a big picture observation for each of the products with simple bullets outlining:
 - Magnitude of project;
 - Impacts it will have;
 - Status of it on path to commercialization.
- Work with the Technology Transfer Office to ensure all IP licensing reflects funding intent from the state of Wyoming.
- H₂ERC to look into hydrogen sulfide and any research to split the gas for two useful elements.

RESPECTFULLY SUBMITTED:

Cindy Crane
Chairman

James Anderson
Vice Chairman

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