



Energy Resources Council

Draft Minutes

August 26, 2022

7:30 AM - 1:30 PM

ATTENDANCE

Energy Resources Council (ERC)

Cindy Crane, Senator Jim Anderson, Carl Bauer, Charlene Russell, David Emery, Vello Kuuskraa, Mark Doelger Chad Teply and Representative Donald Burkhart.

Ex-Officio members: President Ed Seidel, Dave True

SER Staff & Guests

Holly Krutka, Jerry Evans, Richard Horner, Fred McLaughlin, Lon Whitman, Rachel Ferrell, Kyle Summerfield, Christine Reed, Kami Danaei, Eugene Holubnyak, Scott Quillinan, Tiffany Bishop, Trina Pfeiffer, Monte Still, Charles Nye, Frankie Vogt, Carrie Ver Burg, Wendy Lowe, Morteza Dejam, Jifa Tian, Glen Murrell, and Maohong Fan

ERC REGULAR MEETING: ITEMS BY DETAIL

Call to Order

Chairman Crane called the regularly scheduled ERC meeting to order at 7:30 AM. Chairman Crane welcomed the newest ERC board member, Chad Teply to the group.

Approval of Agenda

Motion: Senator Jim Anderson motioned to accept the agenda with one change in the order of the Center, Division and Initiative Reports by switching presenters Scott Quillinan and Richard Horner in the lineup. Representative Burkhart seconded the motion. Motion passed unanimously.

Approval of February 2022 Minutes

Motion: Senator Jim Anderson motioned to accept the February 2022 minutes with one change, to make sure that CERPA was its own bullet point in the division reports. Representative Burkhart seconded the motion. Motion passed without objection.

Reports/Motions

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

- **Executive Director - Holly Krutka**
Dr. Krutka provided an update on the School of Energy Resources staffing. She also presented on the ways that Wyoming supports different energy industries, and a discussion was had on hydrogen and the importance of education for hydrogen. Additionally, Dr. Krutka explained that SER is working with the WEA to create a roadmap in support of nuclear energy and capacity building. President Seidel mentioned he will be cycling in on a related advisory board for the Department of Energy. Chairman Crane asked that UW and SER have a very tight mission and message for the Nuclear Energy Research Center.
- **Center for Energy Regulation & Policy Analysis - Holly Krutka**
President Seidel said that he was committed to working with Holly on supporting lawmakers and state decision makers by putting a strong focus on policy and the existing industries.
- **Enhanced Oil Recovery Institute (EORI) - Lon Whitman**
The Enhanced Oil Recovery Commission (EORC) is working out an MOU with the University and SER aims to use the same language for its own MOU subject to the approval of the ERC. Representative Burkhart mentioned he is happy with the language in the EORC MOU and would move to adopt it.
- **Academics - Kami Danaei**
- **Center for Carbon Capture and Conversion - Richard Horner**
- **Center for Economic Geology Research - Fred McLaughlin**
- **Research - Scott Quillinan**
- Scott Quillinan introduced Tiffany Bishop, the new project specialist for SER who will be helping with the administrative management of grants in the research Centers of Excellence.
- **Hydrogen Energy Research Center - Eugene Holubnyak**
- **3D Visualization Center - Kyle Summerfield**
- **Outreach - Christine Reed**
- **SER Finance - Rachel Ferrell**

Exception Funding

After meeting earlier in the afternoon on June 23, 2022, the Exception Review and Recommendation Committee brought the proposals to the full ERC Board for final approval of requests.

- **Mowry Production Seed Project**
 A request was brought forth of \$500,00 to investigate the formation for undiscovered reserves and unconventional oil production.
 Motion: Senator Anderson brought a motion to approve the WEA funding for the Mowry Shale project. The motion was seconded by Carl Bauer. The motion passed unanimously.
- **COIFPM**
 The request was reviewed by a full quorum electronically and was unanimously approved. For the purposes of getting the official approval on the record, it was brought before the full council meeting. The funding request of \$1.5M to the Hess Corp. from the original \$3M that had been previously allocated and is not from the upcoming budget (\$1.5M of the \$3M had previously been awarded to ADNOC).
 Motion: Carl Bauer made a motion to formally approve the request. David Emery seconded the motion. The motion was passed unanimously.
- **Request from Dr. Fan for \$250,000 for Engineering Scale Testing on Carbon Capture Technology**
 The request was reviewed in the exception committee meeting and flagged because it would require substantial investment to simulate natural gas flue gas. This would require an investment of \$2-3M into the ITC in order for it to be capable to accommodate the request. No funds have been secured yet for the upgrade, but there is an intention to pursue funding for the upgrade from capital funds through the infrastructure bill.
 The board concluded that more information was needed before a decision could be made on the request.

New Business

There was no new business for discussion.

Adjournment

Motion: Senator Anderson moved to adjourn the regular meeting and enter into executive session following a brief break for lunch. Representative Burkhart seconded the motion. The motion passed without objection.

Members of the ERC adjourned the regular meeting at 11:51 AM.

EXECUTIVE SESSION

Members of the ERC reconvened into executive session at 12:15 PM for the purpose of a personnel discussion.

NEXT MEETING DETAILS

The next regularly scheduled meeting is August 25 & 26, 2022 at the Hilton Garden Inn.

Tasks and Assignments

- Position CERPA to address the states' needs as it comes to energy and help the people making policy to understand the current energy crisis - Holly Krutka
- Have a member of the CEGR staff provide an update to the ERC board on the REE study of fly ash and PRB coal - Fred
- Put together an informational/marketing brochure for industry and manufacturing visitors to learn about the products in the CCCC and help change the branding of coal - Christine and Trina
- Determine if the ERC authorizes the \$250,000 from the carbon capture exception funding, would that contractually bind it to the ITC upgrade funding - Holly and Glen

RESPECTFULLY SUBMITTED:

Cindy Crane
Chairman

James Anderson
Vice-Chairman