



## Energy Resources Council

### Draft Minutes

March 31, 2023

7:30 AM - 1:30 PM

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#### ATTENDANCE

##### Energy Resources Council (ERC)

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

*Ex-Officio members: Ed Seidel, Dave True (zoom)*

##### SER Staff & Guests

*Jerry Evans, Richard Horner, Eugene Holubnyak, Scott Quillinan, Fred McLaughlin, Trina Igelsrud Pfeiffer, Holly Krutka, Lon Whitman, Kara Fornstrom, Kyle Summerfield, Kami Danaei, Christine Reed, Angela Ver Ploeg, Kristi Russow, Rachel Ferrell, Representative Martha Lawley, Rob Lawley, Parag Chitnes, Carrie Ver Burg (zoom), Senator Dan Dockstader (zoom), Phil Christopherson, Tiffany Bishop, Tara Righetti, Kim Lau (zoom), Soheil Saraji, Jake Dippel (zoom) Maddie Lewis (zoom)*

#### ERC REGULAR MEETING: ITEMS BY DETAIL

##### Call to Order

Chairman Cindy Crane called the regularly scheduled ERC meeting to order at 7:30 AM.

President Seidel provided an overview of UW National Lab Day along with Parag Chitnis, VP of Research and Economic Development.

##### Approval of Agenda

No edits were made to the agenda.

## **Approval of November 2022 Minutes**

Chairman Crane requested that small edits were made to the section regarding Kanata Energy.

**Motion:** Chairman Crane motioned to accept the agenda and the November 2022 minutes as edited with an update regarding Kanata Energy.

Sen. Anderson moved to approve the request. The motion was seconded by Dave Emery. The motion approved unanimously.

## **Reports/Motions**

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

- **Executive Director - Holly Krutka**  
Dr. Krutka provided an overview of a workplace and employee satisfaction survey that showed overwhelmingly positive results for employment at SER.  
Dr. Krutka also announced that the Integrated Test Center (ITC) had been formally assigned to SER.
- **Development and Private Support - Angela Ver Ploeg, Director of Corporate Engagement for the UW Foundation.**

## **Questions for non-presenting directors**

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

## **Presenting directors**

- Research - Scott Quillinan
- Center for Economic Geology Research - Fred McLaughlin
- Center for Carbon Capture and Conversion - Trina Igelsrud Pfeiffer
- Hydrogen Energy Research Center - Eugene Holubnyak
- Enhanced Oil Recovery Institute (EORI) - Lon Whitman
- Outreach - Christine Reed
- SER Financial Report - Rachel Ferrell

## **New Business**

The Board discussed the idea that Wyoming should look into recycling wind turbine blades and should get a plant located in the state.

## Exception Funding Request Review

### ***Center for Carbon Capture and Conversion***

Proposed work for the remaining \$146,000 requiring ERC approval.

Proposal to replace the Generation 1 bricks currently on the demonstration house with Generation 2 bricks and continue performance testing for duration of the time frame with Generation 2 Bricks.

**Motion:** Chad Teply made a motion to approve the funding. The motion was seconded by Dave Emery.

Vote via roll call: Seven ERC members voted in favor of passing the motion, one voted against passing the motion.

By majority, the motion was passed to approve the engineering request of \$146,000 with note that Trustee True is an ex-Officio and non-voting member.

### ***Wyoming CarbonSAFE Project***

CarbonSAFE Phase VI request of \$375,000 for the cost-share requirement of Phase III. The team is requesting additional funding to satisfy the added scope of Phase III and qualify the project for the phase IV award application process.

**Motion:** Senator Anderson made a motion to approve the request. The motion was seconded by Carl Bauer.

Vote via roll call: All nine voting members of the ERC present voted to approve the request.

The motion passes unanimously with note that Trustee True is an ex-Officio and non-voting member but expressed support for the motion.

## Executive Session

The Board moved to executive session at 12:27 PM.

## Adjournment

The Board returned to regular session at 1:45 PM.

**Motion:** Senator Anderson moved to adjourn the regular meeting. Representative Burkhart seconded the motion. The motion passed without objection.

The ERC adjourned the regular meeting at 1:46 PM.

## NEXT MEETING DETAILS

June 2, 2023

### Tasks and Assignments

Integrated Test Center:

- As SER progresses with the new assignment of the ITC management, be sure to craft contracts with tenants for decommissioning a project down the line if necessary.
- As Funding Opportunity Announcements are coming out, think strategically to offer a sequencing to secure multiple projects over time.

Research:

- Ask about recycling spent fuel rods at National Lab Day or RENEW - Scott
- Nuclear Energy Research Center - make sure all of the exception funds are spent or spoken for and make a plan for next round of asks to the legislature.
- Nuclear Energy Research Center - put together a comprehensive plan that provides a clear picture of nuclear in Wyoming, and addresses anything with potential dangers. The plan should address fiscal needs so the legislators can go before appropriations explaining why we need certain nuclear projects funded and why.

CCCC:

- Provide a clear road map of revenue generated from Intellectual Property (IP) and patents as the asphalt project commercializes.

RESPECTFULLY SUBMITTED:

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**Cindy Crane**  
*Chairman*

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**James Anderson**  
*Vice-Chairman*

**MINUTES**