

Wyoming Energy Authority (WEA)

July 21, 2022

PUBLIC BOARD MEETING

8:00 am MT

Fairfield Inn, Rawlins, WY and Virtual

Zoom Meeting link: <https://us02web.zoom.us/j/81783711922>

A regular public meeting of the Wyoming Energy Authority was convened at the above time. The meeting was held in-person and also by simultaneous video and conference call. Presiding was Paul Ulrich, Chair of the Wyoming Energy Authority.

Roll-call, Establish Quorum, Approve Agenda

Chair Ulrich noted, without objection or comment, that a quorum of the voting members was present and that the meeting was properly noticed. Meeting was called to order at 8:03 a.m.

Name	Position	Present	Absent
Paul Ulrich	Chair, Voting Member	X	
Wendy Hutchinson	Vice-Chair, Voting Member		X
Wanda Burget	Secretary, Voting Member	X	
Mark Stege	Voting Member		X
Donna Lawrence	Voting Member	X	
Ken Miller	Voting Member	X	
Kara Choquette	Voting Member	X	
Randall Luthi	Ex-Officio, Non-Voting Member, WY Gov's Office	X	
Holly Krutka	Ex-Officio, Non-Voting Member, UW SER	X	
Lon Whitman	Ex-Officio, Non-Voting Member, UW EORI		X
Josh Dorrell	Ex-Officio, Non-Voting Member, WY Bus Council	X	
Tom Kropatsch	Ex-Officio, Non-Voting Member, WOGCC	X	
Glen Murrell	Executive Director, WEA	X	
Jami Blosmo	Accounting Manager, WEA	X	
Kaeci Daniels	Program Coordinator, WEA	X	
Anja Bendel	Program Director, WEA	X	
John Masterson	Counsel to WEA		X
Pat Tolley	Counsel to WEA		X
Honora Kerr	3Elephants – PR/Comms Consultant to WEA	X	

The meeting was open to the public. Pam Thayer – Board Member – Wyoming Business Council attended as a member of the public

Opening Comments

Chair Ulrich welcomed participants to the meeting.

Approve Consent Agenda Items Minutes

- MOTION: Move to approve agenda of the July 21, 2022 meeting. Miller/Burget. Approved by acclamation.
- MOTION: Move to approve minutes from the meeting held June 9, 2022. Miller/Choquette. Approved by acclamation.

Director's report – Murrell

- The Director provided a review of the year's activities. Dir. Murrell reviewed FY22 objectives noting general success, a decision to halt roundtables, and a lack of progress with public outreach within Wyoming. He included a general review of activities through the year. He updated the board on the status of the various capital accounts. He set out various objectives for FY 23. Discussion of these objectives led to the addition of efforts to rejuvenate the coal marketing account and an effort to address Rig count growth hindrance.
- Kaeci Daniels provided a review of the State Energy Program.
 - Energy performance contracts – trying to get a project up and running again
 - Energy Audits – Schools/Local Government/Small Business and Non profit
 - Ag and Rural Small business energy audit
 - Need to do a press release of accomplishments
 - Other SEP activities – Energy Education/WYGISC – NREX (product that we own – maintain and provide funding)
 - To come:
 - Energy Performance Contracting
 - Private Schools and Churches Energy Audits
 - Infrastructure Act SEP application
 - Geothermal Resource and Applicable Technology for WY
 - State Energy Assurance Plan (Update document - - used for energy emergency
 - NREX rebuild
 - Energy development financing program that expands to all infrastructure
 - Residential energy efficiency and generation guide
 - Bank of Wyoming - Revolving Loan Fund - - Institution to fund energy infrastructure development.
 - Solar (brownfield sites) – capped landfills
 - Grid Resilience Formula Grant – what kind of technologies? (Tree Trimming/update substation equipment etc.)
- Anja Bendel provided a review of her activities for the year. RFPs – Hydrogen/CCUS/Solid Fuels to Hydrogen – Establishing new programs (Outside support to manage these)
 - Inter agency working group (IWG) for coal impacted communities – Support from feds for these communities (initially WY overlooked – this has now been rectified) Engaged Dru Bower to focus on this. Now WY is a pilot project for this. Delegations

from federal agencies are now coming out to these communities. What's next (Engaged UW (SER) – ESG – getting ideas from that perspective) – how to help improve federal programs so that communities that actually need support can receive support. Initial impetus is to get funds to communities (Via Dru Bower efforts). Next step – forward looking to structurally improve the federal program. Timeline – built in through legislation. (Wise and rapid implementation of dollars is a focus).

- Economic Development Officer – Submit a component of BBB grant application for this position. Energy Action Team (Industry partners engaged – focus on bottleneck in Wyoming Energy Strategy - - how to implement and execute from industry perspective)
- Marcio Paes-Barreto Corporate Relations/Gov. Affairs – Industrial Development (Initially working on Nuclear)
 - Mapping and assessment of all groups and opportunities (Need common game plan within Wyoming). Also Idaho National Lab (August 18 and 19 - - Forum) Nuclear energy strategy for a state. Who are players etc. Aug-Oct.
 - TerraPower
 - Currently the only partner with the State
 - Other partners potentially
 - Three areas of focus
 - Produce Energy and export
 - Produce Energy and build manufacturing focus in WY
 - Produce Energy and develop hydrogen
- Jami Blosmo reported out on FY22 actual operational budget and a planned FY23 budget.
 - MOTION: Move to approve FY23 budget as presented. Miller/Choquette. Approved by acclamation.
- Integrated Technology Center – Begger – No Report
- Ex-officio updates
 - Holly Krutka – UW School of Energy Resources
 - Senate Energy and Commerce Hearing Testamony – Topic – Wyoming Expert on Hydrogen pipeline regulation authority – Goal – Explain whatever pathway chosen to clarify rulemaking around hydrogen can't impede natural gas infrastructure.
 - DOE solicitations out that they are following – a lot in process now – Manages \$100mm in grants/year. \$5/\$10mm increase is not a substantial impact. Size of team has decreased in the past – legislature increase in funding has helped
 - Atlas Carbon – groundbreaking in Campbell County/Carbon Safe stakeholder meeting
 - Paper – WY Natural Gas opportunities – about ready to go.
 - College of Law 3x3 and Certificate CCUS program/Landman

- SER/Wold – workshop – energy focused degrees have a bright future. (Sept 15)
- ITC – Approval from ERC \$500K – Seed funding on Mowry formation in Powder River Basin. – May need more WEA support for any additional funding.
- (Ch. Ulrich reported on a meeting with UW board and leadership - - high level presentation – there has been a perceived disconnect between industry and University - - Message is to support SER). Industry/Corporate Liaison - - focus efforts on establishing relationship with the industries that pay the bills in the state) – Start meeting with this liaison in the near future – critical path forward.
- Tom Kropatsch – Wyoming Oil and Gas Commission
 - BLM had a lease sale earlier this month - \$13MM from two parcels (immediately sued) None of the leases have been issued at this time – unknown if the leases will be issued until the law suit has been settled (No injunction – so no reason that this shouldn’t move forward).
 - WY Minerals Committee
 - New job classifications – Petroleum Engineer category (ANI is currently reviewing)
 - Focused on federal units this year. Streamlining of the process
 - DOI – Orphan well application – DOI asking budget clarification questions
 - 23 rigs operating in the state (Pre-covid – mid 30s) – will provide an update on completions today as compared to Pre-covid)
- Josh Dorrell – Wyoming Business Council
 - A lot of the elements covered in Glen’s report – grant management/reporting is a potential issue. There are consultants out there to manage that – Josh indicated that grant audits can be many years down the road – decisions made when the money was spent is not the same focus as questions during the audit (Develop a standard way of reporting – very important)
 - WBC – looking at how funding mechanism can best support community build the infrastructure that is ancillary to an energy project – workforce development/housing etc. – support long-term impacts of projects.
 - Rural Broadband – House rural broadband – a lot of money for broadband from federal level – looking to deploy money next year - - ready for construction next year. 5 year strategic plan as well as implementation (State funds will provide matching dollars for federal grants)
- Jason Beggar – ITC Report
 - Overview of budget – identical to last fiscal year
 - COVID and Supply chain/inflationary issues – projects experienced delays. Are now expected to start up later this year and this coming spring. Stakeholder group wants to participate in EPRI – but annual dues significantly higher than budgeted (\$100K). Shifted this expense to travel and outreach with easing of budget. Could have many entities (3 potential

tenants)on site – will need 24 hour coverage at this point – will need additional help in Gillette (Contracted roles). Annual budget - \$923K.

- MTR – Membrane project – pilot – fits with DOE funding - \$65MM – with DOE funding as a portion. Mobilize next spring
 - GTI – another membrane project –combined with Ohio State - \$16/\$17MM – DOE Funding - May/June 2023 – small test bay
 - Kawasaki – Long term relationship – Japanese gov. – doesn't do long term funding. Construction 8-9 months – will complete next year
 - 3-4 other projects have made contact (i.e. expression of interest)
 - Another type of project – natural gas testing – (Provide for dilution of flue gas – create simulated natural gas system (GTI/Ohio State/U of Kentucky) – Retrofit (\$3-4MM) – Funds need to be approved by Governor's Office.
 - Lease with Basin has been extended through Dec 31 2028. (News potential? Need to work with Basin on this).
 - Structure – Figure out what structure makes the most long term sense to get federal funding. – Construction.
 - NCCC – switching from coal to NG – no longer a point source testing facility. Two possible options - Center of Excellence under SER or independent with SER support.
- Honora Kerr (Three Elephants PR) provided a brief update on communications and PR activities. A request was made to include an update on ITC in the next newsletter.

New Business

Kara Choquette – TransWest – progressing on permitting – Applying to join the Western Balancing Authority – (California Balancing Authority) – Subscription system.

Discussion around the need for a State Compliance office(er).

Discussion around accessing pipeline expertise.

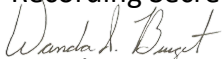
Calendar

- Next board meeting, 9/8/22 (decision made to skip the August meeting)

Public comment opportunity – No comments were received from the public

Adjournment: Burget/Choquette. Approved by acclamation – Adjourned at 11:47am

Recording Secretary,



Wanda Burget, assisted by Glen Murrell