

Iowa Energy Center Board
10:00 a.m. – October 3, 2023
IEDA, 1963 Bell Avenue, Suite 200
Helmick Conference Room, Des Moines, Iowa
Or Via Teams Webinar*
<https://akaiowa.us/energyboard>

The Iowa Energy Center Board may go into closed session pursuant to Iowa Code §21.5(1)a, §15.118, §22.7.3, §22.7.6 and §22.7.8 to review and discuss records IEDA is required to treat as confidential under Iowa law. This includes confidential business and financial information about applicants and industrial prospects with which the Authority is currently negotiating.

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| <p>I. Welcome & Introductions</p> <p style="padding-left: 20px;">A. Roll Call</p> <p style="padding-left: 20px;">B. Approval of August 10, 2023 Board Meeting Minutes</p> | <p><i>Stuart Anderson</i></p> <p><i>Michelle Cook</i></p> <p>Action</p> |
| <p>II. Fiscal Update</p> | <p><i>Terry Roberson</i></p> <p>Information</p> |
| <p>III. Competitive Grant Program Update</p> <p style="padding-left: 20px;">A. Competitive Grant Program Recommendations for Awards</p> <p style="padding-left: 40px;">1. 514132 – <i>3D Bioprinting of Microbial biofilms for gas pipeline corrosion prevention</i></p> <p style="padding-left: 40px;">2. 514211 – <i>Development of functionalized nanocomposite membranes for the selective, high-capacity recovery of critical materials for a clean energy transition</i></p> <p style="padding-left: 40px;">3. 514229 – <i>Resilient Iowa Communities Rural Support Project</i></p> <p style="padding-left: 40px;">4. 514135 – <i>A Low-Cost Bioinspired Hydroelectric System for Utilizing Untapped Riverine Hydropower in Iowa.</i></p> <p style="padding-left: 40px;">5. 517589 – <i>Modernization of Protection and Stability Techniques for 100% Clean Electricity</i></p> <p style="padding-left: 40px;">6. 520617 – <i>AI-guided Lignin valorization to make bio-based batteries through interfacial engineering for waste-to-wealth conversion</i></p> <p style="padding-left: 20px;">B. Competitive Grant Program Recommendations for Denial</p> <p style="padding-left: 40px;">1. 514237 - <i>Iowa Ratepayer Carbon Sequestration 2023</i></p> <p style="padding-left: 40px;">2. 514262 – <i>Optimal Proactive Distribution Transformer Replacement Planning</i></p> <p style="padding-left: 40px;">3. 514918 – <i>Jumpstarting the Market for High Performance Homes in Iowa</i></p> <p style="padding-left: 40px;">4. 520275 - <i>Rural Community Generation Planning with Carbon Management</i></p> | <p><i>Amber Buckingham</i></p> <p>Roll Call</p> <p>Roll Call</p> |

5. 520448 – *Analysis of the Feasibility of Small-Scale Green Ammonia Production as a Fossil Fuel, Energy Carrier and Storage Alternative in Iowa.*

IV. Other Business

- A. Energy Office Updates
- B. November 16, 2023, Quarterly IEC Board Meeting

*Stuart Anderson
Brian Selinger*

V. Public Comment Period

A public comment period will be held at this time and is limited to 10 minutes. If you are interested in offering a comment, please email the Board Administrator at Michelle.Cook@IowaEDA.com in advance of the meeting and provide your name and the topic of your comment.

VI. Adjournment

Stuart Anderson

Members: - Stuart Anderson - Chair, Craig Just – Vice Chair, Kelcey Brown, Troy DeJoode, Naomi DeWinter, Debi Durham, Erik Helland, Anne Kimber, Terry Kouba, Dan Nickey, Taaf Vermeulen, Matt Washburn, and Lanny Ziemann

*The meeting will be accessible to members of the public in person at IEDA or click on the link above to request the link to participate in the meeting via Teams. You will be directed to register to receive the link. Some members of the Board may participate via Teams due to travel issues.

Note: The meeting will convene no earlier than stated above, but may begin later. Agenda items may be considered out of order at the discretion of the Chair for each meeting. If you require accommodations to participate in this public meeting, call 515-348-6197 or TTY at (toll free) 800-735-2942 to make your request. Please notify us as soon as possible in advance of meeting. Board agendas may be amended any time up to 24 hours before the meetings.