

Iowa Energy Center Board
1:00 p.m. – August 11, 2022
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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| I. Welcome & Introductions | <i>Troy DeJoode</i> |
| A. Roll Call | <i>Betty Hessing</i> |
| B. Approval of May 12, 2022 Meeting Minutes | Action |
| II. Fiscal Update | <i>Terry Roberson</i> |
| | Information |
| III. Competitive Grant Program | <i>Amber Buckingham</i> |
| A. Grant Program Update | Information |
| B. Grant Modification Request | |
| 20-IEC-019 – Paired Electrolyzer for Conversion of Crude Glycerin and CO ₂ | Roll Call |
| C. Competitive Grant Program Funding Recommendations For Awards: | Roll Call |
| 1. 459111 – Recycling of Used and End of Life Li-Ion Batteries to Extract Lithium, Anode, and Cathode Materials – Iowa State University | |
| 2. 458939 – Mining Smart Meter Data for Modeling and Mitigating EV Charging Impacts on Distribution Grids – Iowa State University | |
| 3. 459178 – Continuous Thermal to Electrical Energy Harvesting from Industrial and Residential Waste Heat - Legov Systems Group, LLC | |
| 4. 464620 – Laser Surface Engineering of Natural Gas Pipelines for Extended Service Life – Iowa State University | |
| 5. 463416 – Cybersecurity Training for Municipal Utilities – Iowa State University | |
| D. Competitive Grant Program Recommendations for Denial: | Roll Call |
| 1. 465028 – 3D Bioprinting of Microbial Biofilms for Gas Pipeline Corrosion Prevention – Iowa State University | |

2. *463523 – Evaluating and Strengthening Iowa’s Power Grid For High Wind/Solar Penetration Levels*
3. *464710 – Decision Support Systems for Natural Gas and Integrated Services for Small, Rural Communities – Iowa State University*
4. *459663 – Electrochemical Conversion of Storage of Wind Energy to Hydrogen Electrofuel – Iowa State University*
5. *459662 – Improving Energy Resilience of Rural and Underserved Areas Via Solar Panel and Second Life Battery – Iowa State University*
6. *458995 – Chemically Recyclable Glass/Carbon Fiber Composites for Wind Turbine Blades – Iowa State University*

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| <p>IV. Energy Infrastructure Revolving Loan Program (EIRLP)</p> <p>A. EIRLP Update</p> <p>B. Accu-Steel, Inc. application</p> | <p><i>Stephanie Weisenbach</i></p> <p>Information</p> <p>Roll Call</p> |
| <p>V. Appointment to Loan Committee</p> <p>A. Appoint Scott Stokes to Loan Committee</p> | <p><i>Lisa Connell</i></p> <p>Action</p> |
| <p>VI. Administrative Rules</p> <p>A. Adopt Amendments to Iowa Energy Center Rules, 261 IAC, Chapter 403</p> | <p><i>Lisa Connell</i></p> <p>Action</p> |
| <p>VII. NEVI - Iowa Electric Vehicle Infrastructure Deployment Plan</p> | <p><i>Stuart Anderson - DOT</i></p> <p>Information</p> |
| <p>VIII. Other Business</p> <p>A. Energy Office Updates</p> <p>B. November 17, 2022, 4th Quarterly IEC Board Meeting</p> | <p><i>Troy DeJoode</i></p> <p><i>Brian Selinger</i></p> |
| <p>IX. Public Comment Period</p> <p>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 Betty.Hessing@IowaEDA.com in advance of the meeting and provide your name and the topic of your comment.</p> | |
| <p>X. Adjournment</p> | <p><i>Troy DeJoode</i></p> |

IOWA ECONOMIC DEVELOPMENT AUTHORITY

1963 Bell Avenue, Suite 200 | Des Moines, Iowa 50315 USA | Phone: 515.348.6200

iowaeda.com



Members: Troy DeJoode - Chair, Jenae Jenison – Vice Chair, Stuart Anderson, Debi Durham, Geri Huser, Jennifer Johnson, Terry Kouba, Craig Just, Dan Nickey, Scott Stokes, Kelcey Brown and Matt Washburn

Please 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.