

May 12, 2022

Senators and Representatives of the Jobs, Energy, and Commerce Omnibus Conference Committee:

The undersigned represent a broad coalition of utilities, businesses, and labor organizations, urging you to pass legislation necessary for Minnesota to access matching funds and compete for federal funding through the Infrastructure Investment and Jobs Act (IIJA). State matching funds will ensure Minnesota's energy infrastructures are modern and secure *across the state*. Additionally, maximizing the amount of IIJA funds that come to Minnesota will create opportunities for Minnesota's leadership on jobs, energy technology, research, and development. **This is a once-in-a-generation opportunity for Minnesotans.**

If Minnesota does not act, other states will get these IIJA funds – Arkansas, Texas, Louisiana and Michigan, along with dozens of other states, are acting to access these funds, and would be happy if Minnesota did not.

State IIJA matching funds could unlock (complete list attached);

- **\$250 million** for Municipal, Cooperative, and investor-owned utilities to protect against, detect, respond to, and recover from cybersecurity threats
- **\$11 billion** in grants for states, tribes, and utilities to enhance the resilience of electric infrastructure against disruptive events such as extreme weather and cyber-attacks
- **\$2.5 billion** for transmission lines
- **\$3 billion** through Smart Grid Investment Matching Grant Program, enabling investments that improve grid flexibility, including: upgrading existing transmission, distribution systems, and energy storage
- **\$21.5 billion** for clean energy demonstrations and research hubs focused on next generation technologies:
 - \$8 billion for clean hydrogen
 - \$10 billion for carbon capture
 - \$2.5 billion for advanced nuclear
 - \$1 billion for demonstration projects in rural areas and \$500 million for demonstration projects in economically hard-hit communities

We thank committee members for their time and humbly ask for energy-related IIJA competitive and matching funding to be considered.

Sincerely,



PROGRAM NAME	DOLLARS
<u>Advanced Energy Manufacturing and Recycling Grant Program</u>	\$750,000,000
<u>Advanced Reactor Demonstration Program</u>	\$2,477,000,000
<u>Advanced Solar Energy Manufacturing Initiative</u>	\$20,000,000
<u>Assisting Federal Facilities with Energy Conservation Technologies Grant Program</u>	\$250,000,000
<u>Battery Manufacturing and Recycling Grants</u>	\$3,000,000,000
<u>Battery Material Processing Grants</u>	\$3,000,000,000
<u>Battery and Critical Mineral Recycling - Battery Recycling RD&D, Retailers as Collection Points, and State and Local Programs</u>	\$125,000,000
<u>Building, Training, and Assessment Centers</u>	\$10,000,000
<u>Carbon Capture Demonstration Projects Program</u>	\$2,537,000,000
<u>Carbon Capture Large-Scale Pilot Projects</u>	\$937,000,000
<u>Carbon Capture Technology Program, Front-End Engineering and Design</u>	\$100,000,000
<u>Carbon Dioxide Transportation Infrastructure Finance and Innovation</u>	\$2,100,000,000
<u>Carbon Storage Validation and Testing</u>	\$2,500,000,000
<u>Carbon Utilization Program</u>	\$310,140,781
<u>Career Skills Training</u>	\$10,000,000
<u>Civil Nuclear Credit Program</u>	\$6,000,000,000
<u>Clean Energy Demonstration Program on Current and Former Mine Land</u>	\$500,000,000
<u>Clean Hydrogen Electrolysis Program</u>	\$1,000,000,000
<u>Clean Hydrogen Manufacturing Recycling Research, Development, and Demonstration Program</u>	\$500,000,000
<u>Commercial Direct Air Capture Technologies Prize Competitions</u>	\$100,000,000
<u>Cost-effective Codes Implementation for Efficiency and Resilience</u>	\$225,000,000

<u>Critical Material Innovation, Efficiency, and Alternatives</u>	\$600,000,000
<u>Critical Material Supply Chain Research Facility</u>	\$75,000,000
<u>Critical minerals mining and recycling research</u>	\$100,000,000
<u>Cybersecurity for the Energy Sector Research, Development, and Demonstration Program</u>	\$250,000,000
<u>Electric Drive Vehicle Battery Recycling and Second-Life Applications Program</u>	\$200,000,000
<u>Energy Auditor Training Grant Program</u>	\$40,000,000
<u>Energy Efficiency Materials Pilot Program</u>	\$50,000,000
<u>Energy Efficiency Revolving Loan Fund Capitalization Grant Program</u>	\$250,000,000
<u>Energy Efficiency and Conservation Block Grant Program</u>	\$550,000,000
<u>Energy Efficient Transformer Rebates</u>	\$10,000,000
<u>Energy Improvement in Rural and Remote Areas</u>	\$1,000,000,000
<u>Energy Sector Operational Support for Cyberresilience Program</u>	\$50,000,000
<u>Energy Storage Demonstration and Pilot Grants</u>	\$355,000,000
<u>Enhanced Geothermal Systems Demonstrations</u>	\$84,000,000
<u>Extended Product System Rebates</u>	\$10,000,000
<u>Grants for Energy Efficiency Improvements and Renewable Improvements at Public School Facilities</u>	\$500,000,000
<u>Hydroelectric Efficiency Improvement Incentives</u>	\$75,000,000
<u>Hydroelectric Production Incentives</u>	\$125,000,000
<u>Hydropower Research, Development, and Demonstration</u>	\$36,000,000

<u>Implementation Grants for Industrial Research and Assessment Centers</u>	\$400,000,000
<u>Industrial Emissions Demonstration Projects</u>	\$500,000,000
<u>Industrial Research and Assessment Centers</u>	\$150,000,000
<u>Lithium-Ion Battery Recycling Prize Competition</u>	\$10,000,000
<u>Long Duration Demonstration Initiative</u>	\$150,000,000
<u>Maintaining and Enhancing Hydroelectricity Incentives</u>	\$553,600,000
<u>Marine Energy Research, Development, and Demonstration</u>	\$70,400,000
<u>Modeling and Assessing Energy Infrastructure Risk / Advanced Energy Security Program to Secure Energy Networks</u>	\$50,000,000
<u>National Marine Energy Centers</u>	\$40,000,000
<u>Orphaned Well Site Plugging, Remediation, and Restoration</u>	\$30,000,000
<u>Power marketing administration transmission borrowing authority</u>	\$10,000,000,000
<u>Precommercial Direct Air Capture Technologies Prize Competitions</u>	\$15,000,000
<u>Preventing Outages and Enhancing the Resilience of the Electric Grid / Hazard Hardening</u>	\$5,000,000,000
<u>Program Upgrading Our Electric Grid and Ensuring Reliability and Resiliency</u>	\$5,000,000,000
<u>Pumped Storage Hydropower Wind and Solar Integration and System Reliability Initiative</u>	\$10,000,000
<u>Rare Earth Elements Demonstration Facility</u>	\$140,000,000
<u>Rare Earth Mineral Security</u>	\$127,000,000
<u>Regional Clean Hydrogen Hubs</u>	\$8,000,000,000
<u>Regional Direct Air Capture Hubs</u>	\$3,500,000,000

<u>Rural and Municipal Utility Advanced Cybersecurity Grant and Technical Assistance Program</u>	\$250,000,000
<u>Smart Grid Investment Matching Grant Program</u>	\$3,000,000,000
<u>Solar Energy Research and Development</u>	\$40,000,000
<u>Solar Energy Technology Recycling Research, Development, and Demonstration Program</u>	\$20,000,000
<u>State Energy Program</u>	\$500,000,000
<u>State Manufacturing Leadership</u>	\$50,000,000
<u>Transmission Facilitation Program</u>	\$2,500,000,000
<u>Weatherization Assistance Program</u>	\$3,500,000,000
<u>Western Area Power Administration Purchase of Power and Transmission Services</u>	\$500,000,000
<u>Wind Energy Technology Manufacturing Recycling Research, Development, and Demonstration Program</u>	\$40,000,000
<u>Wind Energy Technology Program</u>	\$60,000,000