

Commerce awards \$5 million in CARD grants for energy conservation

The Minnesota Department of Commerce, Division of Energy Resources announced new Conservation Applied Research and Development (CARD) grant projects in April 2024. These CARD grant projects will help Minnesota consumers and businesses save energy, cut energy bills and reduce CO2 emissions.

CARD funds projects to help Minnesota utilities identify new technologies or strategies to maximize energy savings, improve the effectiveness of energy conservation programs or document the carbon dioxide reductions from energy conservation projects. For more information on Conservation Applied Research & Development (CARD) projects, visit the [Applied Research and Development webpage](#).

The CARD grantees and their projects include:

Grantee	Project	Total	End Date
Center for Sustainable Building Research	Unlocking the Potential for Safe Energy Retrofits Over Inaccessible Crawlspace	\$407,783	01/30/2027
Slipstream Group, Inc.	Advanced Connected Diagnostics for Commissioning Residential Heat Pumps and Central Air Conditioners	\$239,591	11/30/2025
Center for Energy and Environment	Continuous Exterior Insulation: A cold climate solution for deep savings and a pathway to cost-effective decarbonization	\$444,388	10/31/2026
Cadmus Group	Consistent Load Shapes for Fuel-Switching Tests and Assessing Flexible Load Potential	\$222,335	12/21/2025
Center for Energy and Environment	CO2 Heat Pump Water Heaters for Multifamily Buildings	\$359,592	12/31/2026
Michaels Energy	Ventilation Control Using Occupancy Counters	\$359,060	11/30/2025
Slipstream Group, Inc.	Strategic Decarbonization for Larger Utility Customers	\$199,971	12/31/2025

Center for Energy and Environment	Realizing the Potential Savings from Floating Suction Pressure Control in Minnesota's Existing Grocery Stores	\$494,561	12/31/2026
Center for Energy and Environment	Packaged Terminal Air Conditioner Replacement Field Study	\$388,411	12/31/2026
Center for Energy and Environment	Heat pumps with thermal storage: Efficient and resilient electric space heating	\$434,635	12/31/2026
Center for Energy and Environment	Establishing Protocols for a Commercial ERV Tune-Up Service	\$277,413	12/31/2026
Frontier Energy, Inc.	District Geothermal Site Selection & Feasibility Study	\$182,060	11/30/2026
Center for Energy and Environment	Industrial Process Electrification Through Air Source Heat Pump Adoption for Process Loads	\$257,792	06/30/2025
Slipstream Group, Inc.	Mapping Electrical Barriers, Motivations, and Perceptions about Efficient Fuel Switching	\$357,088	01/31/2026
2050 Partners	Right-Sizing Water Distribution Pipes and Water Heating Systems to Save Energy and Reduce Building Costs	\$299,110	12/31/2025
Slipstream Group, Inc.	Indigenous Communities and Residential Electrification Pathway Demonstration	\$380,485	08/31/2026
Synapse Energy Economics, Inc.	Advancing and Optimizing Electric Vehicle Adoption in Minnesota through Utility Energy Conservation and Optimization (ECO) Programs	\$60,000	09/30/2024

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