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June 30, 2025

Ms. Lisa Felice
Executive Secretary
Michigan Public Service Commission
7109 W. Saginaw Highway
Lansing, MI 48917

Re: In the matter, on the Commission's own motion, to seek comments from rate-regulated electric, steam, and natural gas utilities regarding potential utility infrastructure improvements in the state of Michigan from federal funding available under the Infrastructure Investment and Jobs Act of 2021

Case No. U-21227

Dear Ms. Felice:

Northern States Power Company – Wisconsin (“NSP-W” or “the Company”) submits this biannual report pursuant to the Michigan Public Service Commission (“Commission”) orders issued August 23, 2022 and February 23, 2023 in Case No. U-21227. The two orders require all rate-regulated utilities to provide an update of efforts to obtain funding assistance under the federal Infrastructure Investment and Jobs Act of 2021 (“IIJA”) in Case No. U-21227 biannually on December 31 and June 30. Specifically, the Commission requested that the biannual IIJA updates include the following:

1. A narrative summary of which opportunities were applied for including citations to individual programs for which the utility applied and what stage of the granting process that application is in, which were approved and awarded funding, and others which may be in process;
2. A description of collaboration efforts to secure IIJA funding for energy efficiency;
3. Efforts relating to actions taken to obtain funding or assistance opportunities pursuant to the federal Infrastructure Investment and Jobs Act of 2021 and the Inflation Reduction Act (“IRA”) of 2022.

I. Overview

The IIJA and IRA provide an unprecedented increase in funding for the U.S. Department of Energy (“DOE”) - over \$60 billion in energy and transmission related funds and more for broadband, transportation electrification and other infrastructure. In the months leading up to the passage of these laws, the Company worked with the Edison Electric Institute and other organizations to communicate the need for new energy solutions to achieve emissions reductions and improve grid resiliency while protecting customer costs. We believe that this work influenced many aspects of the IIJA including its funding for advanced energy technology.

Some of the IIJA and IRA program funds are being managed by the DOE for nationally competitive solicitations and a significant amount of funds will be awarded to each state using a formula approach. This includes funds for resiliency, transportation electrification, and broadband. State agencies (such as state energy offices, broadband offices, departments of transportation, and public utility commissions) have received approval from Federal agencies to begin implementing their formula-based grant programs. At the time of this filing, Michigan has received approval for \$23.2 million of DOE funding under Section 40101(d) of the IIJA, known as the Grid Resiliency and Innovation Program (“GRIP”). NSP-W was awarded a project under the Michigan GRIP solicitation. The Company is well suited to support project prioritization and development and looks forward to collaborating with the Commission, other relevant state agencies, and interested stakeholders.

II. Summary of Action on Federal Opportunities

Xcel Energy views pursuit and successful receipt of IIJA and IRA funding as an important strategic initiative to advance its system resiliency and emissions reduction objectives while managing customer costs and risks of new projects. For much of 2023, DOE was working through the process of evaluating concept papers and applications submitted to their new program offices in response to numerous Requests for Information (“RFI”) and Funding Opportunity Announcements (“FOA”); which have now been shifted to Notice of Funding Opportunity (“NOFO”). In the second half of 2023, DOE announced funding awards for several Xcel Energy applications. In early 2024, the Company was primarily focused on funding negotiations with DOE and participating in the DOE funding opportunity evaluation and selection processes. In the

second half of 2024, the Company continued the pursuit of new opportunities, signed agreements with the DOE, and transitioned into award execution and management on awards announced in 2023. In 2025, Xcel Energy continues to evaluate emerging government assistance opportunities. Since the IIJA was signed in November 2021, Xcel Energy has evaluated over 262 total state and federal funding programs.

At the time of this filing, Xcel Energy has received award notices for DOE funding (subject to ongoing negotiations) applications totaling up to \$1.58 billion, with up to \$464.6 million allocated for Xcel Energy across our service territories.¹

Attachment 1 contains a table of projects the company has applied to that includes applications that impact Northern States Power Wisconsin and Minnesota; including submitted applications that were not selected for award or are still pending DOE selection.

Collaborative efforts to secure IIJA and IRA funding for energy efficiency:

The DOE has made it clear that partnership and coordination will be very important factors for utilities in the successful awarding of IIJA program funds. Those coordinated efforts will be with entities including technology vendors, host communities, state energy offices, state transportation and rail offices, regional transmission organizations—like MISO, FERC and multiple state regulatory commissions, workforce entities, and other public and private entities. The Company is engaging with relevant stakeholders and project partners to prepare project status updates and start scoping work, commitments, and other important details for phase 1 of projects. The Company engages regularly with these entities and plans to continue to do so to discuss and prioritize potential IIJA projects.

The Company is closely monitoring developments in federal policy that may impact its customers. As federal impacts to the IRA have not been finalized, the company has not updated the following sections. The following information on IRA tax credits may be updated in the next semi-annual report.

¹ Dollars awarded is less than reported on in 2024 (Case No. U-21227-0062). See “Section III: Contracted Projects” for more information on awards allocated to the Heartland Hydrogen Hub project.

In reviewing the IRA, the Company has identified areas of rebates or tax credits that are most relevant to the implementation of customer facing programs, specifically Demand Side Management (“DSM”) & Beneficial Electrification (“BE”) programs. The Company will engage with program trade partners to ensure awareness of these potential benefits and help identify strategies to communicate the benefits of the IRA directly to customers. The Company will also include information about these benefits in its marketing efforts in support of its DSM & BE programs. The Company uses various channels of marketing, including media advertisements and electronic or direct mail, to inform customers of the benefits of DSM & BE programs. The supplemental benefits provided by the IRA will be included in those messages.

Xcel Energy also continues to work with relevant stakeholders to maximize the effectiveness and implementation of IRA. Many of the projects listed in Attachment 1 will utilize Production Tax Credits (“PTC”) and Investment Tax Credits (“ITC”) in order to further drive down costs to our customers. For example, the Company is pursuing the §48E ITC for construction of the Form Energy demonstration project at the Comanche coal plant in Colorado and Sherco coal plant in Minnesota. The Company is pursuing the 30 percent ITC for Battery Energy Storage System (“BESS”) projects, 10 percent ITC for energy communities, and 10 percent ITC for domestic content. The final ITC percentages are subject to change dependent on project details and construction timelines.

III. Contracted Projects

The Company has now completed contract negotiations on the following projects; including:

- Joint Targeted Interconnection Queue (“JTIQ”): The subrecipient agreement with MN Department of Commerce has been signed and is effective June 18, 2025, authorizing Xcel Energy to begin work on the JTIQ projects. This award was subject to the DOE’s focused reviews of financial assistance awards, including grants, to identify potential waste, fraud, and abuse. This initiative follows a new policy issued by DOE Secretary Chris Wright aimed at ensuring award recipients and projects are financially sound, economically viable, aligned with national security interests, and consistent with federal law and policy goals. Working with MN Department of Commerce, the prime recipient, Xcel

Energy submitted details for our scope of the JTIQ projects. The data request was submitted by MN Commerce to the DOE on June 16th.

- Michigan GRIP Award: NSPW has completed award negotiations with MI Department of Environment, Great Lakes, and Energy. The project contract is effective as of February 6, 2025. The Bessemer East Feeder Rebuild—construction is underway, currently on schedule, and anticipated completion is September 30, 2025. The Bessemer West Feeder Rebuild planning was completed on April 30, 2025, with design to be completed end of June 2025. Additional 2025 scope includes vegetation management activities that are underway
- Form Energy Long Duration Energy Storage (“LDES”) Project: Budget Period 1 (Phases 1 and 2) of the Company’s approved DOE grant under the federal IIJA, encompassing Project development and design, ended on January 31, 2025. Prior to this, the Company had submitted a continuation application to the DOE requesting to move into Budget Period 2 (Phase 3), which encompasses Project construction. However, the DOE’s Office of Clean Energy Demonstrations (“OCED”) has not been able to authorize the official transmission of the Project into the next phase. The DOE notified the company in March 2025 that the Project’s continuation application was under review and could not be further discussed at this time. On June 11th, the company received an official data request required by the DOE to comply with the DOE Secretarial Policy: Ensuring Responsibility in Financial Assistance. The completed data request is due to the DOE on July 10th. The Project team has continued to meet with the DOE team regularly and the DOE has indicated that it may be able to resume review of the Project for approval to continue to Budget Period 2 as early as Q3 2025. However, this remains uncertain at this time.
- Wildfire Mitigation and Extreme Weather Resiliency for Xcel Energy: The Company has entered Phase 1 of the project. The Company has finalized the Project Management Plan and has started the NEPA process. This award is a recipient of a DOE data requests received on May 15th. Xcel Energy submitted a response on due June 16th.
- Heartland Hydrogen Hub (HH2H): The Energy and Environmental Research Center (EERC) has signed a Prime Award Agreement with the OCED for the HH2H. Xcel Energy is working towards a Sub-recipient agreement with the EERC. DOE supports the Company’s plan to wait for newer, cost-effective electrolyzer technology, aligning with the hub’s goals. In the updated budget,

Xcel Energy is awarded up to \$150 million for a 40% DOE cost share. EERC also received a Data Request from the DOE; and the company is working with EERC and partners to complete.

IV. Closing Comments

Xcel Energy appreciates the opportunity to provide information to the Commission regarding IIJA and IRA funding opportunities. The Company can provide additional information and updates at the Commission's request and would be available to meet with the Commission and its staff to discuss certain projects in more detail. For the benefit of Michigan utility customers, an ongoing and open channel of communication between the Company and the Commission on this significant legislation will be beneficial.

The Company welcome the opportunity to meet and discuss our project pursuits further. Please contact me at Tyrel.Zich@xcelenergy.com if you have any additional questions or comments about the information we have provided.

Respectfully submitted,

A handwritten signature in black ink that reads "Tyrel Zich". The signature is written in a cursive, flowing style.

Tyrel J. Zich
Regional Vice President, Regulatory Policy
Northern States Power, a Wisconsin Corporation

FOA Title	XE Engagement Level	Project Title (Official)	Prime Applicant	XE OpCo(s)	Application Status	Notice of Award Selection Date	Xcel Energy Award Amount	Description
DE-FOA-0001817: U.S. Industry Opportunities for Advanced Nuclear Technology Development	Prime Recipient	LWR Integrated Energy System Interface Technology Development & Demonstration	Northern States Power Company-Minnesota (NSPM)	NSPM	Award Agreement Signed	6/1/2022	\$ 10,634,135	Plan, develop, install, and test a semi-trailer-sized High-Temperature Steam Electrolysis (HTSE) skid, alongside electricity and steam from the plant, to produce hydrogen from water; this will improve the long-term economic value of nuclear plants in regions challenged by low priced natural gas and renewable electric generation. The expected result of this Project is to have both a fully-functional hydrogen system, with power and heat from the nuclear steam cycle. [Note this is previous to IIJA]
DE-LC-000L002: National Laboratory Call for Collaborative Alignment for Critical Technology Industries	Commitment (with Cost Share)	National Consortium for the Advancement of LDES Technologies	Sandia National Laboratories	XES	Award Agreement Signed	9/7/2023	\$ -	Contribute an in-kind cost share of \$200,000 for the creation and development of a new organization, the National Consortium for the Advancement of LDES Technologies. We will bring a utility perspective to the collaboration with experience in deploying LDES to firm renewables. The Consortium will bring together stakeholders across the energy sector and technology ecosystem to pursue the following objectives: (1) establish a non-partisan, collaborative process to identify and address challenges facing LDES technologies; (2) develop actionable recommendations, strategies, and best practices to facilitate the scaleup and replication of LDES that is necessary to reach full-scale commercial adoption; and (3) define initiatives so that these recommendations, strategies, and best practices can be offered to diverse regions, markets, communities, and end-use customers. Collectively, these objectives will help to frame feasible pathways toward LDES commercialization.
DE-LC-000L002: National Laboratory Call for Collaborative Alignment for Critical Technology Industries	Commitment (with Cost Share)	Clean Hydrogen Technology Alignment Cooperative (CHyTAC)	National Renewable Energy Laboratory (NREL) & Lawrence Berkeley National Laboratory	XES	Award Agreement Signed	9/7/2023	\$ -	Contribute a combination of an in-kind cost share of \$200,000, gas and electric sector expertise, recommendations, and participation in Working Groups. We also expect to share insights regarding clean hydrogen policy and regulation for our industry, clean hydrogen blending into gas networks for heat and electricity generation; and safety and environmental considerations for deploying clean hydrogen on energy networks. This brings nine National Labs together to create new pathways to transform our energy economy. It is expected that each Working Group will produce reliable recommendations and implementation possibilities including pre-competitive equipment form factors, supply chain concerns, standard operating procedures and schemes, best practices, recommendations on standard training and education, critical balance of plant components and interconnections, control systems and interfaces, regulatory needs, and of course safety risks and mitigation procedures.
DE-FOA0002867: Long-Duration Energy Storage Demonstrations (LDES)	Prime Recipient	Multiday Storage at Scale for Firm Renewable Electricity	Xcel Energy Services Inc.	NSPM, PSCo	Award Agreement Signed	9/19/2023	\$ 70,000,000	Xcel Energy will deploy two 10-megawatt 100-hour Long Duration Energy Storage (LDES) systems at retiring coal plants in Minnesota and Colorado, in partnership with Form Energy. NSP will deploy its storage system at the Sherburne County Generating Station ("Sherco") near Becker, Minnesota and PSCo will deploy its storage system at the Comanche Generating Stations in Pueblo, Colorado. Argonne National Laboratory will join the team to measure, assess, and validate the technical and social impacts of the project. This demonstration will aim to accelerate the commercialization and market development of multi-day storage
DE-FOA-0002740: Grid Innovation Resiliency Partnership Program (GRIP) - ROUND 1 (2022-23)	Subrecipient	Joint Targeted Interconnection Queue (JTIC) Transmission Study Process and Portfolio	MN Department of Commerce	NSPM	Award Agreement Signed	9/20/2023	\$ 114,000,000	Partnering to build out two transmission lines, connecting the Southwest Power Pool ("SPP") and the Mid-continent Independent System Operator ("MISO"). Transmission lines are Big Stone-Brookings-Hankinson and Lyons-Lakefield. This award will coordinate the planning, design, and construction of five 345 kV overhead alternating current transmission projects (four lines and one substation upgrade) known as the JTIC Portfolio in seven states thereby solidifying the success of the first round of the JTIC study process.
DE-FOA-0002779: Regional Clean Hydrogen Hubs	Subrecipient	Heartland Hydrogen Hub (HH2H)	Heartland Hub LLC (HH2H/UNDEERC)	NSPM	Award Agreement Signed	10/10/2023	\$ 150,000,000	Xcel Energy will design, build, deploy innovative hydrogen solution in MN and potentially CO in partnership with the University of North Dakota Energy & Environment Research Center ("EERC") pursuant to the Hydrogen Hub Program. Xcel's commitment to this award scope is contingent on favorable final 45V approval, EERC securing additional hub partners, regulatory approval, etc.
DE-FOA-0002740: Grid Innovation Resiliency Partnership Program (GRIP) - ROUND 1 (2022-23)	Prime Recipient	Wildfire Mitigation and Extreme Weather Resiliency for Xcel Energy	Xcel Energy Services Inc.	NSPM, NSPW, PSCo, SPS	Award Agreement Signed	10/17/2023	\$ 100,000,000	Xcel Energy will implement a portfolio of projects that enhance the grid's resiliency in the face of fires, severe storms, and other adverse environmental conditions to better protect lives, homes and forests while reducing and preventing power outages. This includes transmission wood pole coating, distribution-focused projects (undergrounding high risk distribution circuits, restoration response program for distribution lines), Wildfire software, Dones/UAS, EV software project (WaveGrid), and three community microgrids.
Michigan Grid Resiliency: Preventing Outages and Enhancing the Resilience of the Electric Grid Formula Grants (MI GRIP) - ROUND 1	Prime Recipient	Bessmer Line Resiliency Project	Northern States Power Company-Minnesota (NSPM)	NSPM	Award Agreement Signed	1/3/2025	\$ 757,000	Xcel Energy will rebuild and extend the eastern portion of the Bessmer feeder roughly 1.5 miles of three phase overhead line and rerouting certain portions of the line. Vegetation management work to be conducted on this line. This feeder impacts ~1000 customers directly on the line, and ~2000 adjacent customers.
North Dakota Industrial Commission (NDIC) Renewable Energy Program	Commitment (No Cost Share)	Accelerating the Waste-to-Fuels Commercialization for the Sandwich Gasifier	Singularity Energy Technologies LLC (SET)		Award Agreement Signed	1/17/2025	\$ -	Xcel Energy (and the ND Department of Commerce) will provide cost share and input on SET's project that will demonstrate and prove the capabilities of the Sandwich Gasifier and integrated systems. History: Funding for the original gasifier was provided primarily by the U.S. Department of Energy and Xcel Energy. The unit was mothballed in 2011 due to difficulties in developing sponsors to commercialize the technology; patents for the technology were transferred to SET and its owner, Dr. Patel. Project Description: Produce clean and composition-balanced syngas under self-sustained steady state operation by a clinker-free system producing gas-to-liquid (GTL), renewable natural gas (RNG) and hydrogen (H2) ready quality syngas. SET's strategy for the production of GTL/RNG/H2-ready syngas includes the use of off-the-shelf sorbents, solvents and technologies and their optimized combinations, thereby minimizing the required development time and improving the overall economics of the system.
DE-FOA-0003387: ARPA-E Vision OPEN 2024	Letter of Support	Regenerative Metal Fuels for Renewable Energy Transmission Without Wires (Form Energy)	Form Energy	N/A	Selected for Award	1/14/2025	\$ -	Xcel Energy will not have direct participation in this project, rather are supporting and eager to learn the outcomes, anticipating this project to provide a compelling path to commercialization by developing new grid modeling methods to calculate the value of non-wire alternatives. Project Description: Form Energy, MIT, and Propel Aero partnership to build a large-scale, dynamic energy transport systems utilizing electrochemical processes and existing logistics infrastructure to enable renewable energy transmission without wires with regenerative metal fuels.
DE-FOA-0003136: Connected Communities 2.0	Commitment (No Cost Share)	Gold Climate Campus Electrification for Grid & Customer Resilience	UW Eau Claire (UWEC)	NSPW	Pending		\$ -	University of Wisconsin-Eau Claire's project will implement grid edge technical measures to reduce the amount of investment needed to updated distribution infrastructure needed to accommodate large heating electrification projects, and will evaluate system resiliency benefits. Xcel Energy is committed to supporting UWEC's work on this project with in-kind staff labor on an as-needed basis. We will assist with the following tasks that can be completed as part of our regular business activities: (1) Evaluation of UWEC heating electrification load interconnection; (2) Quantification of energy, demand, and cost savings using grid edge technologies and enrollment in Xcel Energy's retail tariff demand response program; (3) Data collection with advanced metering infrastructure (AMI) and other data management systems implemented by UWEC and their technology partners; (4) Evaluation of UWEC project data to inform load forecasting used in future integrated resource planning (IPR) analysis; (5) Evaluation of retail tariff demand response programs in future rate cases.
DE-FOA-0003246: i2X Solar and Wind Interconnection for Future Transmission (SWIFTR)	Letter of Support	ParaE-MT-i2X: GPU-boosted Parallel ElectroMagnetic Transient Simulation and Automated Workflow for Interconnection of Inverter-based Resources into Transmission Systems	CO School of MINES		Pending		\$ -	Supporting CO School of MINES project to develop new analytical tools and approaches that will accelerate the reliable interconnection of renewable energy into the electrical grid, enhancing the efficiency of electromagnetic transient (EMT) simulations for interconnection studies of inverter-based resources (IBRs), aligning with our company's mission to provide our customers the safe, clean, reliable energy services they want and value at a competitive price. The results of MINES collective efforts will be a compelling research, development and demonstration project that will significantly enhance the efficiency of EMT based interconnection studies. This project is particularly timely and critical as it will address some reliability concerns with increased IBRs interconnecting to the grid today
DE-FOA-0003331: Solar Technologies' Rapid Integration and Validation for Energy Systems (STRIVES)	Letter of Support	A Resilient, Secure, and Equitable DSO Model for Behind-the-Meter Flexibility Analytics, Aggregation, and Transation (RESET)	National Renewable Energy Laboratory (NREL)	XES	Pending		\$ -	This project supports our preparation for FERC 2222 implementation through NREL's simulation, testing, and demonstration deployment of a DSO model aligned with Xcel Energy's business needs and regulatory directives. Xcel Energy is interested in attending industry advisor group meetings and providing feedback for NREL's R&D team to develop the proposed DSO model.

DE-FOA-0003485: Generation III+ Small Modular Reactor Pathway to Deployment	Letter of Support	Holtec twin SMR-300 reactors at the Palisades site	Holtec		Pending		\$	-	Support for Holtec to complete the twin SMR-300 reactors at the Palisades site. Xcel Energy is open to incorporating advanced nuclear technologies into its portfolio to meet increasing energy demands and sustainability goals and views the deployment of Holtec's SMR-300 as a valuable demonstration that SMRs are safe viable energy resource that is carbon free, flexible - that will augment renewable resources. After the first two SMR-300s that Holtec is moving forward to co-locate at their Palisades site, Xcel Energy is open to the potential to evaluate siting of SMR-300 units at our sites.
DE-FOA-0003571: FY24 SCALE-UP of Integrated Biorefineries	Letter of Support	Bridging Integrated Operations of Advanced Methanation Processes (Bio-AMP)	NREL		Pending		\$	-	Ivys Adsorption, along with National Renewable Energy Lab, is introducing an integrated thermocatalytic methanation system to convert 100% of the biogas carbon into methane to generate high purity RNG without carbon dioxide emissions, thereby significantly increasing the carbon efficiency of the RNG.
Carbon Dioxide Removal Purchase Pilot Prize - Phase 2	Letter of Support	Letter of Support for Vycarb Carbon Dioxide Removal Technology	Vycarb	XES	Pending		\$	-	Vycarb is a carbon dioxide removal ("CDR") and storage technology company whose combined dissolved carbon measurement technology and CDR technology generates fully-measured and permanent CDR from high carbon dioxide waters.
FY25 Congressional Community Directed Spending (CDS)	Letter of Support	Letter of Support for CO School of MINES Congressional Community Directed Spending	CO School of MINES		Pending		\$	-	Mine's proposed project would help establish the Colorado Energy Infrastructure Resilience and Adaptation Center (CEIRA) as a national hub for research, workforce training, and collaboration on energy infrastructure resilience.
DE-FOA-0003485: Generation III+ Small Modular Reactor Pathway to Deployment	Prime Recipient	North Dakota Advanced Nuclear Energy Study	Northern States Power Company-Minnesota (NSPM)	NSPM	Pending				Signed by Governor Armstrong this session, North Dakota House Bill 1025 enacts that the state's Legislative Council study the feasibility, siting, and deployment of advanced nuclear power plants in the state and has appropriated \$300,000 in state funds to the cost of this study. In addition, as part of this application, NSPM is also committed to contributing an in-kind cost share in personnel time and resources dedicated to managing the award and participating in the proposed study as outlined in the proposal and in House Bill 1025 with project partners.
DE-FOA-0003256: Methane Emissions Reduction Program (MERP) Oil and Gas Methane Monitoring and Mitigation Office of Fossil Energy and Carbon Management	Prime Recipient	Methane Monitoring and Characterization in Minnesota and Colorado (MMCMC)	Xcel Energy Services Inc.	NSPM, NSPW, PSCo, SPS	Denied	12/20/2024	\$	-	To more accurately categorize and track regional methane intensities while also driving the monitoring, repair, and avoidance of methane leaks on distribution pipeline in Colorado, Minnesota, North Dakota, South Dakota, Wisconsin, and the Upper Peninsula of Michigan. Specifically, we will implement 12 Advanced Mobile Leak Detection (AML/D) units across our local distribution gas network in order to more accurately categorize and track regional methane intensities, while also driving the monitoring, repair, and avoidance of methane leaks on 36,000 miles of distribution pipeline.
DE-FOA-0002740: Grid Innovation Resiliency Partnership Program (GRIP) - ROUND 1 (2022-23)	Prime Recipient	Grid communications (private LTE) and resilient facility demonstration [Topic 2]	Public Service Company of Colorado (PSCo)	NSPM, NSPW, PSCo, SPS	Denied	10/20/2023	\$	-	To accelerate and enhance our ongoing resilient grid modernization programs. Xcel Energy proposes to deploy this leading grid edge solution to manage the surge of data from devices on the electrical grid and the two-way communication between those devices and utility applications.
Grid-Resiliency-PSC Federal Funding for Energy Programs (WI GRIP)	Prime Recipient	NSPW Strategic Vegetation Management in NW Wisconsin	Northern States Power Company-Wisconsin (NSPW)	NSPW	Denied	5/24/2024	\$	-	Would allow NSPW to clear an additional 3 segments of high priority lines in rural and disadvantaged areas in Wisconsin.
DE-FOA-0003195: Grid Innovation Resiliency Partnership Program (GRIP) - ROUND 2 (2024-25)	Prime Recipient	Wildfire Mitigation and Grid Resilience Portfolio for Xcel Energy	Xcel Energy Services Inc.	NSPM, NSPW, PSCo, SPS	Denied	10/18/2024	\$	-	To implement a portfolio of grid resiliency projects focused on wildfire risk reduction, innovative transmission system upgrades and renewable energy integration. This portfolio of projects will be developed in multiple service territories across the Upper Midwestern United States. The following projects are included in this proposed portfolio: Advanced Wildfire Camera Systems, Efficient and Effective public Safety Power Shutoffs Solutions, Wildfire Emergency Data Management Platform, 115 kV Covered Conductor Spacer Cable Pilot and Circuit Upgrades
DE-FOA-0003195: Grid Innovation Resiliency Partnership Program (GRIP) - ROUND 2 (2024-25)	Prime Recipient	Xcel Energy Inc. Grid Edge Solutions for Resiliency and DER Networking	Xcel Energy Services Inc.	NSPM, NSPW, PSCo, SPS	Denied	10/18/2024	\$	-	To implement a suite of innovative grid edge technology solutions and infrastructure to enhance secure communications, grid operator visibility and control of Distributed Energy Resources (DER), and power system reliability and resilience. These objectives will be achieved through implementation of a new Private LTE Network (PLTE) to enable and enhance secure communication, Distributed Energy Resource Management (DERMS) to meet the rapidly increasing pace and scale of DER on the grid including Electric Vehicle (EV) charging, and underfrequency load shedding (UFLS) to decrease the possibility of largescale blackouts for Xcel Energy operating companies across Texas, New Mexico, Colorado, Minnesota, South Dakota, North Dakota, Wisconsin, and Michigan.
DE-FOA-0003195: Grid Innovation Resiliency Partnership Program (GRIP) - ROUND 2 (2024-25)	Commitment (No Cost Share)	Three Corner Connector	Great Plains Institute	NSPM	Denied	10/18/2024	\$	-	Pioneers a critical advancement in American energy infrastructure with a 300-mile, 525 kV, 1,500 MW high voltage direct current voltage source converter ("HVDC-VSC") transmission line from WEGC in Pueblo, CO, to SPP in Guymon, OK. This interregional project, expandable to 3,000 MW, forms a critical connection between the Eastern and Western Interconnections, improving grid resiliency, reducing renewable energy curtailment, and inducing renewable energy developments.
Grid Resiliency 40101d 2024 RFP Minnesota	Prime Recipient	Camden Neighborhood Distribution Upgrade for Grid Resiliency Project	Northern States Power Company-Minnesota (NSPM)	NSPM	Denied	1/13/2025	\$	-	Supports distribution system upgrades in Camden Neighborhood in Minneapolis
DE-FOA-0003082: Carbon Negative Shot Pilots	Letter of Support	Gasification Singularity Energy Technologies LLC (SET)	Singularity Energy Technologies LLC (SET)	N/A	Denied	10/18/2024	\$	-	To deploy the Sandwich gasifier as a reliable and efficient method for converting Minnesota's diverse biomass resources into high-quality syngas suitable for production of renewable natural gas and useful biomaterials.
DE-FOA-0003219: Building a Sustainable Aviation Fuel Campus (SAF) and Green Hydrogen Production (Within FY 24 Energy and Emissions Intensive Industries)	Commitment (with Cost Share)	Building a Sustainable Aviation Fuel Campus around Green Hydrogen Production	Great Plains Institute	NSPM	Denied	1/8/2025	\$	-	To conduct a comprehensive pre-FEED study for a sustainable aviation fuels (SAF) campus in Minnesota.
Fertilizer Production Expansion Program	Subrecipient	Fertilizer Production Expansion Program for the Ammonia to Urea process	One Earth Renewables LLC	NSPM	Denied		\$	-	