



AN ALLETE COMPANY

30 West Superior Street
Duluth, MN 55802-2093

www.mnpower.com



June 3, 2024

VIA E-FILING

Will Seuffert
Executive Secretary
Minnesota Public Utilities Commission
121 7th Place East, Suite 350
St. Paul, MN 55101

Re: In the Matter of Commission Consideration and Determination of Compliance with Renewable Energy Standard and Solar Energy Standard for Year 2023
Docket No. E-999/PR-24-12

In the Matter of the Green Pricing Verification Process
Docket No. E-999/PR-02-1240

In the Matter of Commission Consideration and Determination of Compliance with Renewable Energy Standards (RES) Biennial Reporting
Docket No. E-999/M-22-85

Dear Mr. Seuffert:

The Minnesota Public Utilities Commission ("Commission") issued a Notice of Renewable Energy Certificate ("REC") Retirement Process for Renewable Energy Standards and Green Pricing Program ("Notice") on March 13, 2024, in the above-referenced dockets. The Notice and associated template also address the reporting requirements of utilities subject to the Solar Energy Standard ("SES") reporting obligations under Minn. Stat. § 216B.1691, subd. 2f and the Commission's January 29, 2021 Order in Docket No. E-999/M-20-464 (*In the Matter of Utilities' Annual Reports on Progress in Achieving the Solar Energy Standard*). Minnesota Power respectfully submits its Compliance Report response to this Notice that includes the required SES data.

Please contact me at (218) 723-7525 or nmanion@mnpower.com if you have any questions on this filing.

Mr. Seuffert
June 3, 2024
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Respectfully,

Nicole Manion

Nicole M. Manion
Regulatory Compliance Specialist

NMM:th
Attach.

Filing for GREEN PRICING PROGRAMS on behalf of:			
Electric Utility Name	Total Retail Electric Sales	Electric Utility Name	Total Retail Electric Sales
Minnesota Power	2,555		

Retail Sales Total	8,927,812
RES Percentage Obligation	20%
RECs Required to be Retired	1,785,563
Actual RECs Retired	1,785,563

Utility ID #	Utility	Retail Sales Amount (MWh)	Notes
68	Minnesota Power	8,478,783	MN Retail Sales by reporting utility
2	Aitkin Public Utilities	34,476	MN Retail Sales by reporting utility
30	Biwabik Public Utilities	5,615	MN Retail Sales by reporting utility
122	Virginia Dept. of Public Utilities	91,223	MN Retail Sales by reporting utility
235	Buhl Public Utilities	5,845	MN Retail Sales by reporting utility
135	City of Ely - Ely Utilities Commission	34,147	MN Retail Sales by reporting utility
156	Gilbert Water & Light	15,773	MN Retail Sales by reporting utility
44	Grand Rapids Public Utilities Commiss	152,909	MN Retail Sales by reporting utility
55	Keewatin Public Utilities	4,663	MN Retail Sales by reporting utility
75	Nashwauk Public Utilities	7,590	MN Retail Sales by reporting utility
74	Mountain Iron Water & Light Dept	28,873	MN Retail Sales by reporting utility
217	Pierz Utilities	10,811	MN Retail Sales by reporting utility
93	Proctor Public Utilities	23,401	MN Retail Sales by reporting utility
218	City of Randall Electric	4,358	MN Retail Sales by reporting utility
119	City of Two Harbors	29,346	MN Retail Sales by reporting utility

TOTAL GREEN PRICING Sales (MWh)	2,555
RECS retired for GREEN PRICING programs	2,555

Attachment 3: Green Pricing Retail Sales

Minnesota Public Utilities Commission: Docket No. E999/PR-24-12 and Docket No. E999/M-24-85
Minnesota Department of Commerce: Docket No. E999/PR-02-1240

Attachment 4

Reporting Period: January 1, 2023 - December 31, 2023

**SES Retail Sales and
Solar Renewable Energy Certificates Required to be Retired for SOLAR ENERGY STANDARD Compliance**

Retail Sales Total	8,478,783
SES Excluded Retail Sales	5,643,916
SES Retail Sales Obligation	2,834,867
SES Total Percentage Obligation	1.50%
SES Small Scale obligation	0.15%
Non-Small Scale obligation	1.35%
Total SRECs Required to be Retired	42,523
Small SRECs to be retired	4,252
Non-Small Scale to be retired	38,271
Total Actual RECs Retired	42,523
Total actual small SRECs retired	4,252
Total actual non-Small Scale retired	38,271

Additional SES Reporting

Projected SES compliance for the current plus three (3) upcoming years. Include banked RECs.

Year	Actual/Projected MN retail sales (MWh) minus SES exempt sales	SES Total Req (MWh)	SES Small Scale Req (MWh)	SES Non-Small Scale Req (MWh)	Projected Total SRECs (MWh)	Projected SRECs less than 40kW (MWh)	Projected SRECs greater than 40kW (MWh)	Projected Total Surplus/ (Deficit) (MWh)	Projected SREC Surplus/(Deficit) less than 40 kW (MWh)	Projected SREC Surplus/(Deficit) greater than 40 kW (MWh)
2023	2,834,867	42,523	4,252	38,271	51,013	12,555	38,458	8,490	8,302	187
2024	2,835,164	42,527	4,253	38,275	70,071	14,052	56,019	27,543	9,799	17,745
2025	2,827,120	42,407	4,241	38,166	88,895	15,669	73,226	46,488	11,428	35,059
2026	2,827,354	42,410	4,241	38,169	107,495	17,269	90,226	65,085	13,028	52,056

Annual solar generation on the utilities' system for the previous calendar year

	Number of Facilities on Utility System	Capacity	Number registered in M-RETS	Capacity registered in M-RETS	SRECs Generated
Less than 40kW	421	0	421	0	228
Generation from eligible CSG subscriptions	1	1	1	1	1776
Greater than 40kW	397	4	397	4	4135

Renewable Energy Certificate Retirements for Renewable Energy Standards and Green Pricing Programs

**Information Required by
Minn. Stat. § 216B.1691 Subd.3(9)(iii)**

Attachment 4: RES and Green Pricing REC Retirements

Renewable Energy Certificate Retirement Report for RENEWABLE ENERGY STANDARDS and GREEN PRICING PROGRAMS

[illegible]

Renewable Energy Certificate Retirement Report for
RENEWABLE ENERGY STANDARDS and GREEN PRICING PROGRAMS

Minnesota Public Utilities Commission: Docket No. E999/PR-24-12 and Docket No. E999/M-24-85	Attachment 6
Minnesota Department of Commerce: Docket No. E999/PR-02-1240	Reporting Period: January 1, 2023 - December 31, 2023
Biennial Compliance reporting	
Please report the following items in compliance with the PUC May 28, 2013 Order in Docket No. E999/M-12-958	

RES Ordering
Point

4.A. & 5.H. The year through which the utility can maintain compliance with its current renewable portfolio*

2039

**MP Retires 100% of RECs each year so customers can claim renewable benefits of all renewables produced each year*

4.B. & 5.I. Projected RES compliance for the current plus three (3) upcoming years. Include banked RECs.

Year	Actual/Projected MN retail sales (MWh)	RES Req.(%)	RES Req. (MWh)	Projected Resources (MWh)	Projected Surplus/ (Deficit) (MWh)
2024	8,002,979	20%	1,600,596	1,890,147	289,552
2025	7,963,714	25%	1,990,929	2,354,427	363,498
2026	7,949,281	25%	1,987,320	2,352,566	365,246
2027	8,135,809	25%	2,033,952	2,403,054	369,102

5.E.2 & 5.F. Identify other State Renewable Standards or Objectives to which the utility is subject, and the percentage of renewable energy allocated to meet the renewable requirements.

State	RES Req. (MWh)	RES Req. (%)	Percent of utility's total system renewable generation apportioned to this state (%)*

*apportionment of renewable energy should reflect each state's percentage of the utility's total system sales.

5.E.3 (i) The status of the utility's renewable energy mix relative to the objective & standards.

Renewable Project Development Status Completed Projects: Oliver 1 Wind A 50.6 MW wind facility comprised of twenty-two 2.3 MW Siemens SWT-2.3-93 turbines located near Center, North Dakota. This facility was built by NextEra Energy Resources and began commercial operation in December 2006. Minnesota Power has a 25-year PPA with NextEra Energy Resources for all energy, capacity and renewable attributes from Oliver 1 (Docket No. E015/M-05-975). In July 2018, Minnesota Power entered into an amended agreement with FPL for a 50.6 MW purchase from the Oliver County wind project beginning on July 9, 2020, and continuing through July 9, 2040 (Docket No. E015/M-18-600). Oliver 2 Wind A 48 MW expansion of the original Oliver 1 Wind facility comprised of thirty-two 1.5 MW GE SLE turbines with 77-meter rotors. The facility achieved commercial operation in December of 2007. Minnesota Power has a 25-year PPA with NextEra Energy Resources for all energy, capacity and renewable attributes from Oliver 2 (Docket No. E015/M-07-216). In July 2018, Minnesota Power entered into an amended agreement with FPL for a 48 MW purchase from the Oliver County wind project beginning on May 6, 2020, and continuing through May 6, 2040 (Docket No. E015/M-18-600). Wing River C-BED Wind A 2.5 MW wind project comprised of one 2.5 MW Nordex N90 turbine located near Hewitt, Minn. This project began operation in July 2007 achieving two firsts: 1) the first C-BED project in Minnesota to begin operation; and 2) the first 2.5 MW Nordex turbine installation in the United States. Minnesota Power has a 20-year PPA with Wing River LLC for all energy, capacity and renewable attributes from the Wing River C-BED Wind Project (Docket No. E015/M-07-537) through November 2027. Taconite Ridge Wind A 25 MW wind facility comprised of ten 2.5 MW Clipper C96 Liberty turbines located on the Laurentian Divide in Mountain Iron, Minn., on US Steel property. This wind facility was built by Minnesota Power as its first wind project to own, operate and maintain for long-term use as a rate-based renewable wind generation resource. Taconite Ridge Energy Center achieved commercial operation in June 2008 (Docket No. E015/M-07-1064). Bison 1 An 81.8 MW wind development near Center, N.D., comprised of 16 Siemens SWT-2.3-101 turbines and 15 SWT-3.0-101 turbines. This wind facility was built by Minnesota Power and Minnesota Power owns, operates, and maintains the facility for long-term use as a rate-based renewable wind generation resource. The Bison 1 wind project achieved commercial operation in two phases, the first phase in December 2010, and the second in January 2012 (Docket No. E015/M-09-285).
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Renewable Energy Certificate Retirement Report for
RENEWABLE ENERGY STANDARDS and GREEN PRICING PROGRAMS

Manitoba Hydro

A non-firm energy supply PPA with Manitoba Hydro. The PPA assumed approximately [TRADE SECRET DATA BEGINS [REDACTED] TRADE SECRET DATA ENDS] to be counted as MN eligible renewable energy credits (“RECs”) and covers a period from June 1, 2020, through May 31, 2040. (Docket No. E015/M-14-960).

A firm energy supply PPA with Manitoba Hydro. The PPA assumed approximately [TRADE SECRET DATA BEGINS [REDACTED] TRADE SECRET DATA ENDS] to be counted as MN eligible renewable energy credits (“RECs”) and covers a period from June 1, 2020, through May 31, 2035. (Docket No. E015/M-11-93).

Bison 2

A 105 MW wind project near Center, N.D., is comprised of 35 Siemens SWT-3.0-101 turbines and interconnects to the electric grid at the Square Butte Substation, which allows the wind energy to flow via Minnesota Power’s existing high-voltage direct current transmission line (“DC Line”) or the Alternating Current (“AC”) system. The Bison 2 wind project achieved commercial operation in December 2012. Minnesota Power owns, operates, and maintains the facility for long-term use as a rate-based renewable wind generation resource (Docket No. E015/M-11-234).

Bison 3

A 105 MW wind project near Center, N.D., is comprised of 35 Siemens SWT-3.0-101 turbines and interconnects to the electric grid at the Square Butte Substation, which allows the wind energy to flow via Minnesota Power’s existing DC Line or the AC system. The Bison 3 wind project achieved commercial operation in December 2012. Minnesota Power owns, operates, and maintains the facility for long-term use as a rate-based renewable wind generation resource (Docket No. E015/M-11-626).

Bison 4

A 204.8 MW wind energy facility in Oliver County in central North Dakota. The Bison 4 Wind Project (“Bison 4 Project”) consist of 64 Siemens 3.2 MW SWT-3.2-113 turbines and interconnects to the electric grid at the Square Butte Substation, which allows the wind energy to flow via Minnesota Power’s existing DC Line or the AC system. The project went commercially operational in December 2014. Bison 4 positioned Minnesota Power to meet its projected 2020 renewable requirement by the end of 2014 (Docket No. E015/M-13-907).

Nobles 2 Wind Project

Minnesota Power received Commission approval for the PPA with Tenaska, Inc. to purchase 250 MW of wind-generated energy and capacity from the Nobles 2 wind-generation facility in Nobles and Murray counties in southwestern Minnesota. Minnesota Power started to receive energy from the project in December 2020 and will continue through 2040. (Docket No. E015/M-18-545)

Fond du Lac Hydro

An approximate 3,000 MWh annual upgrade at the Fond du Lac hydro facility. The project utilized \$815,000 in American Recovery and Reinvestment Act grant funding to re-runner the facility along with other updates. Fond du Lac was returned to service in June 2013 upon completion of the overhaul and installation of a new runner and penstock relining/recoating.

Thomson Hydro

Thomson is a hydro facility constructed in 1905 and is located on Minnesota Power’s St. Louis River hydro system near Thomson, Minn. At 71 MW Thomson is the largest hydro facility in Minnesota Power’s power supply. On June 19 and 20, 2012, record rainfall and flooding occurred in Duluth, Minn. and surrounding areas. The flooding severely damaged Minnesota Power’s St. Louis River Hydroelectric System and particularly the Thomson facility, which was forced offline due to damage to the forebay canal and flooding at the facility. As a result, Minnesota Power has invested \$90.4 million in the facility to resume operations and provide approximately 280,000 MWh of low-cost renewable energy for customers annually. This project was approved for rate recovery by the Commission on January 29, 2015 (Docket Number E-015/M-14-577). Thomson returned to service in November 2014, and remains a key part of Minnesota Power’s strategy to meet its RES requirements under Minn. Stat. § 216B.1691.

Hibbard

Hibbard Renewable Energy Center Units 3 and 4 operate as energy resources for Minnesota Power’s system and are located in Duluth, Minnesota. HREC is capable of burning wood and wood wastes, coal and natural gas. Use of wood and wood waste fuels make much of the energy generated by HREC a qualified renewable energy product. At 60 MW Hibbard is the largest biomass facility and one of the few dispatchable renewable generators in Minnesota Power’s power supply. The renewable generation does fluctuate based on market conditions. In 2021, Hibbard generated 113,000 MWh of renewable energy.

Laskin Solar

The Laskin Energy Park near Hoyt Lakes, Minnesota was commissioned in December 2022 and will provide 5.6 MWac of solar energy through December 2042. (Docket No. E-015/M-20-828).

Sylvan

The Sylvan Solar Project near Minnesota Power’s Sylvan Hydro Station, west of Brainerd, Minnesota, was commissioned in June 2023 and provides 15.2 MWac of solar energy through June 2043. (Docket No. E-015/M-20-828).

Jean Duluth

The Jean Duluth Solar project, located in the city of Duluth was commissioned in December 2022 will generate 1.6 MWac of solar energy through December 2042. (Docket No. E-015/M-20-828).

Planned Projects:

While the Company is currently positioned to exceed the 2025 RES requirement, Minnesota Power continuously assesses a wide range of power supply resources to augment its portfolio. Minnesota Power will be addressing the option to purchase Camp Ripley Solar in the next Integrated Resource Plan filing. Minnesota Power will continue the evaluation and consideration of renewable power supply alternatives as it works towards a sustainable path to a carbon-free energy future by 2040.

Renewable Energy Certificate Retirement Report for
RENEWABLE ENERGY STANDARDS and GREEN PRICING PROGRAMS

5.E.3(ii)	Efforts taken to meet the objective and standards
Between 2006 and 2023, Minnesota Power executed PPAs and constructed over 875 MW of wind facilities to increase its Minnesota-eligible renewable energy supply. In 2023, the renewable portion of Minnesota Power’s retail energy supply is greater than 50 percent of its projected 2025 retail and wholesale electric sales. With the Commissioned approved 2021 IRP, Minnesota Power’s renewable portfolio is expected to increase by at least 300 MW of new wind with at least 200 MW in service by 2026, as practicable, and up to 300 MW of new regional/in-service territory or net-zero solar by 2026, as practicable. Minnesota Power is currently working through a Request for Proposal process to procure the additional wind and solar resources. The renewable portion of Minnesota Power’s retail energy supply is projected to be over 70% percent by the end of 2030. The Company has exceeded current compliance with the RES and is well positioned to comply with the standard for 25% renewable by 2025 and the recently expanded standard of 55% renewable by 2035.	

5.E.3(iii)	Obstacles encountered or anticipated in meeting the objective or standards
Minnesota Power is committed to meeting Minnesota’s RES and SES requirements. There are obstacles encountered with most plans, and the key is to search for potential solutions to these obstacles. Obstacles and potential solutions encountered in the planning process include: Hydro Minnesota Power knows of no new large hydro project sites in Minnesota. Even if sites existed, hydro development is realistically limited to expansions at existing impoundments due to anticipated resistance to the construction of new dams. Minnesota Power continues to evaluate innovative hydro generation development options and determine feasibility for these projects. Biomass The key driver to developing new competitively priced biomass generation is having a sufficient supply of reasonably priced fuel to support the expenditure of the large-scale capital that is required to build facilities. The following considerations are important in determining accessibility to reasonably priced fuel now and in the future: • balanced forestry practices that maximize the production of biomass on a sustainable basis while maintaining the appropriate levels of diversity in the region’s forests, • a healthy fiber industry that creates the demand for round wood, • a low-cost supply of mill and forest residues for energy production, • a healthy logging industry, and • the potential expansion of the bioenergy industry. Minnesota Power’s biomass generation efforts are focused on existing Minnesota Power-owned sites and customer sites in order to leverage existing infrastructure to minimize capital expenditures and assure projects that are competitively priced with other renewable generation alternatives. Wind Wind development continues to occur primarily in areas with the best regional wind resources: southwestern Minnesota as well as North and South Dakota. Due to transmission issues related to getting wind out of these wind rich areas, there are also wind projects being developed in lower wind regimes because they are located closer to load. Over the past few years, significant improvements in wind turbine technology (larger rotors and improved controls) and wind resource assessment (better siting and turbine layout) have enabled Minnesota Power’s expansion of wind and Minnesota Power continues to evaluate it as a resource in the future. Minnesota Power’s commitment to identifying potential sites in or near its service territory has resulted in several locations indicating good wind resources and acceptable site constructability. Concerns regarding adequate transmission and reasonable interconnection costs continue to be a challenge for additional wind development in the region. Minnesota Power has a history of executing unique solutions for minimizing interconnection costs for new wind projects. For example, customer’s benefit from transmission access to North Dakota wind resources through the purchase of the existing DC Line that runs between the Square Butte substation near Center, N.D. and Minnesota Power’s Arrowhead substation near Duluth, Minn. Minnesota Power continually explores unique opportunities for wind projects that minimize the cost impact from obstacles such as high interconnection costs. Minnesota Power has engaged with Grid North Partners to implement transmission solutions to reduce congestion cost in the short term. We are also engaged at the MISO level through the Long-Range Transmission Planning (LRTP) studies and bringing forward projects that reduce congestion cost risk. An emerging issue with wind generation is the increase in congestion and loss cost in MISO energy prices between generation and load. New patterns of transmission and generation are creating changes in congestion as the power supply evolves to more renewable and less baseload power supply. This change in congestion is symptomatic of the power supply transition and demonstrates the need for upgrades to the transmission system to support further power supply decarbonization. Furthermore, it is increasing the cost of adding renewables to the system, especially new renewables in the wind rich areas where renewable buildout has been occurring for several years and transmission expansion has not kept pace. Minnesota Power continues to monitor the situation and is considering changes to its renewable procurement process given these changes in congestion and loss process.	

5.E.3(iv)	Potential solutions to the obstacles
See above section Obstacles encountered or anticipated in meeting the objective or standards	

5.G.	List any renewable generation facilities expected to become operational during the upcoming year				
Facility Name		Type	Capacity (MW)	MISO Capacity Accreditation	Expected Comm'l Operation Date

Renewable Energy Certificate Retirement Report for
RENEWABLE ENERGY STANDARDS and GREEN PRICING PROGRAMS

5.K.	Identify efforts taken to adequately protect against undesirable economic impacts on ratepayers, including, but not limited to keeping customer's bills and the utility's rates as low as practicable, given regulatory and other constraints.
	Minnesota Power recognizes the high value its customers place on safe, reliable, and affordable service and strives to provide that to all customers across its service territory. Energy affordability is a shared priority between the Company, its customers, other stakeholders, and the State of Minnesota. The Company has maintained reasonable and affordable rates for all classes, including residential rates which are lower than the state average, while also delivering high value to customers. This is achieved through rapid system decarbonization and the development of a plethora of new programs and services, including electric vehicle (“EV”), solar garden, energy conservation, and affordability programs. The Company has accomplished this in part by working carefully year over year to control costs in a variety of ways, such as: managing O&M increases to an average annual increase of 1.1 percent over many years, offering affordability programs, including implementing a first-in-the-state program option allowing customers to self-declare their income to qualify for the income-qualified programs, including conservation programs like the Time-of-Day rate design which helps customers manage bills and reduce energy costs by shifting energy usage to times when pricing is lower. In addition, Minnesota Power has procured some of the most cost-effective wind resources in the country, transported by its HVDC line from ND directly to MP customers, utilizes competitive bidding processes to minimize costs, and conducted land sales around our Hydro facilities. Minnesota Power continues to strategically identify state and federal funding opportunities to pursue in support of its Energy Forward strategy and keep impacts on rates for customers as affordable as possible during this time of energy transition. The Company is committed to maximizing the benefits of the Infrastructure Investment and Jobs Act (“IIJA”) and Inflation Reduction Act (“IRA”) for customers. To date, the company has been awarded \$50 million from DOE and \$25 million from the state of MN which will help offset the costs associated with transporting new renewable generation resources. Minnesota Power’s rigorous integrated planning process for generation, transmission, distribution, and customer products, includes a process to incorporate feedback from stakeholders on the plan and balances keeping customer rates affordable while meeting state planning criteria (i.e., environmental cost), renewable and carbon objectives, and societal impacts in the communities we operate generation facilities in and serve.

H.F. 7 Additions to 216B.1691 Renewable Energy Objectives

Subd. 3(5)	The number of Minnesotans employed to construct facilities designed to meet the utility's standard obligations under this section.
	No Minnesotans are currently employed to construct facilities designed to meet the utility's standard obligations under this section. In the 2021 IRP, the Company was ordered to acquire up to 300 MW of regional/in-service territory or net-zero solar by 2026, as practicable. Minnesota Power issued an RFP on November 15, 2023, and proposals are currently under review.
Subd. 3(6)	Efforts taken to retain and retrain workers employed at electric generating facilities that the utility has ceased operating or designated to cease operating for new positions constructing or operating facilities used to meet a utility's standard obligation.
	The company has made and will continue to make every effort to place employees elsewhere at the affected locations to avoid layoffs. The focus has been and will continue to be on placing employees within our system and organization and provide training opportunities where needed. On an individual basis, we work with employees to understand and support career development objectives while we evaluate the overall organizational structure at these affected facilities to determine how best to support the remaining operating facilities.
Subd.3(7)	The impacts of facilities designed to meet the utility's standard obligations under this section on environmental justice areas.
	Minnesota Power is working with the Commission and Minnesota utilities in Docket No. E-999/CI-23-151, In the Matter of an Investigation into Implementing Changes to the Renewable Energy Standard and the Newly Created Carbon Free Standard under Minn. Stat. § 216B.1691, to determine what considerations the Commission should take when operationalizing the definition of “environmental justice areas” as defined in Minn. Stat. § 216B.1691. Among those considerations is the question of which unit of measurement or analysis should be used to identify environmental justice areas including, for example, geographic specification of an “area” to census block, census block group, census tract, or zip code. Once the definition of “environmental justice areas” is operationalized through Docket No. E-999/CI-23-151, Minnesota Power will be able to report on the impacts of the Company’s renewable energy facilities on environmental justice areas in this docket. Minnesota Power expects to be able to provide this reporting requirement in its next RES/Green Pricing filing that includes the biennial reporting requirements.
Subd.3(8)	Efforts made to increase the diversity of both the utility's workforce and vendors.
	<u>Supplier Diversity:</u> Between 2022-2023, ALLETE (Minnesota Power) continued to manage and grow its Supplier Diversity program, which in turn diversified its vendor-base. In 2022 we: we purchased a database enrichment tool which identified 200+ diverse, active suppliers in our database, added a supplier diversity questionnaire for bids over \$250,000, added Tier 2 reporting requirement language into our new contract templates, attended trade show and matchmaking events quarterly, gained corporate membership with the Women's Business Development Center (WBDC) and North Central Minority Supplier Development Council (NCMSDC), and presented quarterly training to employees. In 2023 we: increased the number of diverse suppliers in our database by 5%, increased the number of prime suppliers reporting into our Tier 2 program by 86%, attended trade show and matchmaking events every other month, and provided internal trainings on Supplier Diversity every two months.

SES Utilites Only

Ongoing efforts to meet SES objective and a brief summary of project mix for SES compliance.
Minnesota Power has issued a Solar Request for Proposal (RFP) soliciting 300 MWac of regional solar energy to come online by 2027 as practicable. Bids were received in January 2024 and the Company is currently going through the bid evaluation and negotiation process. Minnesota Power anticipates providing an application for regulatory review by the MPUC in 2024. Minnesota Power also operates a community solar garden with a 40-kilowatt array in Duluth and a 1-megawatt array in Wrenshall, Minnesota, and continues to explore community solar options.
Discussion on efforts to reach the 2030 goal that 10% of MN retail sales be generated by solar energy (Attch A, 14)
Minnesota Power conducted a thorough Capacity Expansion Analysis to determine energy supply mix, energy need, carbon reduction, and annual customer cost impacts of different solar mix futures. In the 2021 IRP, the Company was ordered to acquire up to 300 MW of regional/in-service territory or net-zero solar by 2026, as practicable. Minnesota Power issued an RFP on November 15, 2023, and proposals are currently under review.
SES - A summary of progress toward compliance with the ten percent carve out for systems under 40 kW.
Minnesota Power continues to meet the Small Scale Carve-Out of the SES through its Community Solar Garden and SolarSense Customer Solar Program. There were 290,928 kWh produced by SolarSense systems installed in 2021. The Community Solar Garden is fully subscribed, with 1,037 one kW blocks that customers are subscribed to. This balanced approach of customer and community offerings allows Minnesota Power customers to participate in solar programs regardless of whether they have the ability to install solar at their own site.

Renewable Energy Certificate Retirement Report for
RENEWABLE ENERGY STANDARDS and GREEN PRICING PROGRAMS

Minnesota Public Utilities Commission: Docket No. E999/PR-24-12 and Docket No. E999/M-24-85		Attachment 7
Minnesota Department of Commerce: Docket No. E999/PR-02-1240		Reporting Period: January 1, 2023 - December 31, 2023
M-RETS RECs Bought and Sold		
Ordering pt. 4C requires reporting REC sales & purchases for the 2 preceding calendar years		

REC Purchases Total	0
REC Sales Total	0

Enter REC data for the 2 preceding calendar years.				
Wholesale REC Purchases	Wholesale REC Sales	PRICE	Type of purchase	NOTES

Renewable Energy Certificate Retirement Report for
RENEWABLE ENERGY STANDARDS and GREEN PRICING PROGRAMS

Minnesota Public Utilities Commission: Docket No. E999/PR-24-12 and Docket No. E999/M-24-85	Attachment 8
Minnesota Department of Commerce: Docket No. E999/PR-02-1240	Reporting Period: January 1, 2023 - December 31, 2023
M-RETS Retired Certificate Report Filing Instructions	
Minn. Stat. §216B.1691, Subd. 3(9)	

Directions

To confirm the information provided in Attachment 5, and to fulfill remaining Minn. Stat. §216B.1691, Subd. 3.(9) reporting requirements, please follow the steps below and file a "Retired Certificates" report from M-RETS that includes information on RECs Retired for RES, SES, and SES-smallscale compliance.

Steps	
1	Log into the M-RETS System
2	Navigate to the Certificates dashboard
3	Select the retired certificates tab
4	Select the "Account" filter and apply a filter that corresponds to the name of the retirement account that was connected to the Minnesota Pogram in M-RETS
5	Scroll to the right and select the "Reporting Period" filter and apply to the compliance year in question.
6	The report can then be downloaded using the download button on the top right of the screen

Please include the following column headers with your Retired Certificates Report

Header Title	Information included	Required by
Organization	Utility Name	Column A
Destination Account	Retirement Account	Column B
Generator	Generator Name	Column I
M-RETS ID	Generator ID	Column H
Generator Location	Location (state) of Generator	Column J
Generation Start Date	REC Generation Start Date	Column F
Generation End Date	REC Generation End Date	Column G
Fuel Type	Fuel Used to Generate Energy Associated with the Credit	Column D
Quantity (RECs)	Number of RECs Retired	Column R

2023 MP MN Green Pricing	From Report below	2,555	From Workbook	2,555
2023 MP MN RES Compliance		1,785,563		1,785,563
2023 MP MN SES Compliance		38,271		38,271
2023 MP MN SES Small Solar Compliance		4,252		4,252
		1,830,641		1,830,641

Organizat	Account	Account ID	Fuel Type	Vintage	Generation Start Date	Generation End Date	M-RETS ID	Unit Name	Generator	Retirement	Retirement	Retired Qu	Notes	Reporting I	Retired For	Eligility	Quantity (F	Serial Num	e-Tags	e-Tag ID	Transaction
Minnesot	2023 MP MN Green Pricing	CEf65DE9-F470	Wind	3/1/2022	3/1/2022	3/31/2022	M653	Crystal Laki IA		State/Provi	N/A	N/A	N/A	2023	MN	WI Bankab	1276	653-IA-03-: No	N/A	2024-04-30	
Minnesot	2023 MP MN Green Pricing	CEf65DE9-F470	Wind	1/1/2020	1/1/2020	1/31/2020	M653	Crystal Laki IA		State/Provi	N/A	N/A	N/A	2023	MN	WI Bankab	747	653-IA-01-: No	N/A	2024-04-30	
Minnesot	2023 MP MN Green Pricing	CEf65DE9-F470	Wind	6/1/2021	6/1/2021	6/30/2021	M653	Crystal Laki IA		State/Provi	N/A	N/A	N/A	2023	MN	WI Bankab	532	653-IA-06-: No	N/A	2024-04-30	
Minnesot	2023 MP MN RES Compliance	EE783B71-A29B	Hydroelectric Water	11/1/2023	11/1/2023	11/30/2023	M410	Pillager Hyi MN		State/Provi	N/A	N/A	N/A	2023	MN	MN, WI No	494	410-MN-11 No	N/A	2024-04-30	
Minnesot	2023 MP MN RES Compliance	EE783B71-A29B	Hydroelectric Water	10/1/2023	10/1/2023	10/31/2023	M418	Scanlon Hy MN		State/Provi	N/A	N/A	N/A	2023	MN	MN, WI No	765	418-MN-10 No	N/A	2024-04-30	
Minnesot	2023 MP MN RES Compliance	EE783B71-A29B	Hydroelectric Water	4/1/2023	4/1/2023	4/30/2023	M924	Thomson F MN		State/Provi	N/A	N/A	N/A	2023	MN	MN	37577	924-MN-04 No	N/A	2024-04-30	
Minnesot	2023 MP MN RES Compliance	EE783B71-A29B	Hydroelectric Water	4/1/2023	4/1/2023	4/30/2023	M378	Fond Du La MN		State/Provi	N/A	N/A	N/A	2023	MN	MN, WI No	6649	378-MN-04 No	N/A	2024-04-30	
Minnesot	2023 MP MN RES Compliance	EE783B71-A29B	Hydroelectric Water	6/1/2023	6/1/2023	6/30/2023	M418	Scanlon Hy MN		State/Provi	N/A	N/A	N/A	2023	MN	MN, WI No	557	418-MN-06 No	N/A	2024-04-30	
Minnesot	2023 MP MN RES Compliance	EE783B71-A29B	Wind	8/1/2023	8/1/2023	8/31/2023	M641	Bison Winc ND		State/Provi	N/A	N/A	N/A	2023	MN	MN, WI Ba	62290	641-ND-08 No	N/A	2024-04-30	
Minnesot	2023 MP MN RES Compliance	EE783B71-A29B	Hydroelectric Water	7/1/2023	7/1/2023	7/31/2023	M420	Winton Hyi MN		State/Provi	N/A	N/A	N/A	2023	MN	MN, WI No	740	420-MN-07 No	N/A	2024-04-30	
Minnesot	2023 MP MN RES Compliance	EE783B71-A29B	Biomass	4/1/2023	4/1/2023	4/30/2023	M518	Hibbard En MN		State/Provi	N/A	N/A	N/A	2023	MN	MN, WI Ba	2779	518-MN-04 No	N/A	2024-04-30	
Minnesot	2023 MP MN RES Compliance	EE783B71-A29B	Hydroelectric Water	2/1/2023	2/1/2023	2/28/2023	M409	Little Falls IMN		State/Provi	N/A	N/A	N/A	2023	MN	MN, WI No	2696	409-MN-02 No	N/A	2024-04-30	
Minnesot	2023 MP MN RES Compliance	EE783B71-A29B	Hydroelectric Water	12/1/2023	12/1/2023	12/31/2023	M419	Sylvan Hyd MN		State/Provi	N/A	N/A	N/A	2023	MN	MN, WI No	673	419-MN-12 No	N/A	2024-04-30	
Minnesot	2023 MP MN RES Compliance	EE783B71-A29B	Hydroelectric Water	1/1/2023	1/1/2023	1/31/2023	M412	Prairie Rive MN		State/Provi	N/A	N/A	N/A	2023	MN	MN	141	412-MN-01 No	N/A	2024-04-30	
Minnesot	2023 MP MN RES Compliance	EE783B71-A29B	Hydroelectric Water	10/1/2023	10/1/2023	10/31/2023	M409	Little Falls IMN		State/Provi	N/A	N/A	N/A	2023	MN	MN, WI No	2447	409-MN-10 No	N/A	2024-04-30	
Minnesot	2023 MP MN RES Compliance	EE783B71-A29B	Hydroelectric Water	9/1/2023	9/1/2023	9/30/2023	M648	Blanchard IMN		State/Provi	N/A	N/A	N/A	2023	MN	MN, WI Ba	1574	648-MN-05 No	N/A	2024-04-30	
Minnesot	2023 MP MN RES Compliance	EE783B71-A29B	Wind	10/1/2023	10/1/2023	10/31/2023	M310	Wing River MN		State/Provi	N/A	N/A	N/A	2023	MN	MN	285	310-MN-10 No	N/A	2024-04-30	
Minnesot	2023 MP MN RES Compliance	EE783B71-A29B	Hydroelectric Water	11/1/2023	11/1/2023	11/30/2023	M419	Sylvan Hyd MN		State/Provi	N/A	N/A	N/A	2023	MN	MN, WI No	545	419-MN-11 No	N/A	2024-04-30	
Minnesot	2023 MP MN RES Compliance	EE783B71-A29B	Hydroelectric Water	4/1/2023	4/1/2023	4/30/2023	M420	Winton Hyi MN		State/Provi	N/A	N/A	N/A	2023	MN	MN, WI No	863	420-MN-04 No	N/A	2024-04-30	
Minnesot	2023 MP MN RES Compliance	EE783B71-A29B	Biomass	2/1/2023	2/1/2023	2/28/2023	M428	Hibbard En MN		State/Provi	N/A	N/A	N/A	2023	MN	MN, WI No	1216	428-MN-02 No	N/A	2024-04-30	
Minnesot	2023 MP MN RES Compliance	EE783B71-A29B	Hydroelectric Water	12/1/2023	12/1/2023	12/31/2023	M410	Pillager Hyi MN		State/Provi	N/A	N/A	N/A	2023	MN	MN, WI No	548	410-MN-12 No	N/A	2024-04-30	
Minnesot	2023 MP MN RES Compliance	EE783B71-A29B	Hydroelectric Water	6/1/2023	6/1/2023	6/30/2023	M419	Sylvan Hyd MN		State/Provi	N/A	N/A	N/A	2023	MN	MN, WI No	834	419-MN-06 No	N/A	2024-04-30	
Minnesot	2023 MP MN RES Compliance	EE783B71-A29B	Biomass	11/1/2023	11/1/2023	11/30/2023	M518	Hibbard En MN		State/Provi	N/A	N/A	N/A	2023	MN	MN, WI Ba	5241	518-MN-11 No	N/A	2024-04-30	
Minnesot	2023 MP MN RES Compliance	EE783B71-A29B	Hydroelectric Water	6/1/2023	6/1/2023	6/30/2023	M412	Prairie Rive MN		State/Provi	N/A	N/A	N/A	2023	MN	MN	99	412-MN-06 No	N/A	2024-04-30	
Minnesot	2023 MP MN RES Compliance	EE783B71-A29B	Hydroelectric Water	11/1/2023	11/1/2023	11/30/2023	M409	Little Falls IMN		State/Provi	N/A	N/A	N/A	2023	MN	MN, WI No	2346	409-MN-11 No	N/A	2024-04-30	
Minnesot	2023 MP MN RES Compliance	EE783B71-A29B	Hydroelectric Water	5/1/2023	5/1/2023	5/31/2023	M410	Pillager Hyi MN		State/Provi	N/A	N/A	N/A	2023	MN	MN, WI No	553	410-MN-05 No	N/A	2024-04-30	
Minnesot	2023 MP MN RES Compliance	EE783B71-A29B	Hydroelectric Water	12/1/2023	12/1/2023	12/31/2023	M414	Rapids Ene MN		State/Provi	N/A	N/A	N/A	2023	MN	MN	828	414-MN-12 No	N/A	2024-04-30	
Minnesot	2023 MP MN RES Compliance	EE783B71-A29B	Hydroelectric Water	2/1/2023	2/1/2023	2/28/2023	M924	Thomson F MN		State/Provi	N/A	N/A	N/A	2023	MN	MN	22530	924-MN-02 No	N/A	2024-04-30	
Minnesot	2023 MP MN RES Compliance	EE783B71-A29B	Hydroelectric Water	10/1/2023	10/1/2023	10/31/2023	M419	Sylvan Hyd MN		State/Provi	N/A	N/A	N/A	2023	MN	MN, WI No	607	419-MN-10 No	N/A	2024-04-30	
Minnesot	2023 MP MN RES Compliance	EE783B71-A29B	Hydroelectric Water	6/1/2023	6/1/2023	6/30/2023	M420	Winton Hyi MN		State/Provi	N/A	N/A	N/A	2023	MN	MN, WI No	1042	420-MN-06 No	N/A	2024-04-30	
Minnesot	2023 MP MN RES Compliance	EE783B71-A29B	Hydroelectric Water	12/1/2023	12/1/2023	12/31/2023	M378	Fond Du La MN		State/Provi	N/A	N/A	N/A	2023	MN	MN, WI No	5451	378-MN-12 No	N/A	2024-04-30	
Minnesot	2023 MP MN RES Compliance	EE783B71-A29B	Wind	1/1/2023	1/1/2023	1/31/2023	M541	Oliver Wini ND		State/Provi	N/A	N/A	N/A	2023	MN	MN	23637	541-ND-01 No	N/A	2024-04-30	
Minnesot	2023 MP MN RES Compliance	EE783B71-A29B	Hydroelectric Water	11/1/2023	11/1/2023	11/30/2023	M924	Thomson F MN		State/Provi	N/A	N/A	N/A	2023	MN	MN	29576	924-MN-11 No	N/A	2024-04-30	
Minnesot	2023 MP MN RES Compliance	EE783B71-A29B	Biomass	6/1/2023	6/1/2023	6/30/2023	M428	Hibbard En MN		State/Provi	N/A	N/A	N/A	2023	MN	MN, WI No	3524	428-MN-06 No	N/A	2024-04-30	
Minnesot	2023 MP MN RES Compliance	EE783B71-A29B	Hydroelectric Water	7/1/2023	7/1/2023	7/31/2023	M414	Rapids Ene MN		State/Provi	N/A	N/A	N/A	2023	MN	MN	554	414-MN-07 No	N/A	2024-04-30	
Minnesot	2023 MP MN RES Compliance	EE783B71-A29B	Hydroelectric Water	10/1/2023	10/1/2023	10/31/2023	M410	Pillager Hyi MN		State/Provi	N/A	N/A	N/A	2023	MN	MN, WI No	578	410-MN-10 No	N/A	2024-04-30	
Minnesot	2023 MP MN RES Compliance	EE783B71-A29B	Hydroelectric Water	1/1/2023	1/1/2023	1/31/2023	M924	Thomson F MN		State/Provi	N/A	N/A	N/A	2023	MN	MN	24211	924-MN-01 No	N/A	2024-04-30	
Minnesot	2023 MP MN RES Compliance	EE783B71-A29B	Hydroelectric Water	7/1/2023	7/1/2023	7/31/2023	M418	Scanlon Hy MN		State/Provi	N/A	N/A	N/A	2023	MN	MN, WI No	373	418-MN-07 No	N/A	2024-04-30	
Minnesot	2023 MP MN RES Compliance	EE783B71-A29B	Hydroelectric Water	3/1/2023	3/1/2023	3/31/2023	M410	Pillager Hyi MN		State/Provi	N/A	N/A	N/A	2023	MN	MN, WI No	514	410-MN-03 No	N/A	2024-04-30	
Minnesot	2023 MP MN RES Compliance	EE783B71-A29B	Wind	7/1/2023	7/1/2023	7/31/2023	M541	Oliver Wini ND		State/Provi	N/A	N/A	N/A	2023	MN	MN	23099	541-ND-07 No	N/A	2024-04-30	
Minnesot	2023 MP MN RES Compliance	EE783B71-A29B	Wind	4/1/2023	4/1/2023	4/30/2023	M310	Wing River MN		State/Provi	N/A	N/A	N/A	2023	MN	MN	438	310-MN-04 No	N/A	2024-04-30	
Minnesot	2023 MP MN RES Compliance	EE783B71-A29B	Wind	11/1/2023	11/1/2023	11/30/2023	M480	Tac Ridge \ MN		State/Provi	N/A	N/A	N/A	2023	MN	MN	6554	480-MN-11 No	N/A	2024-04-30	
Minnesot	2023 MP MN RES Compliance	EE783B71-A29B	Wind	4/1/2023	4/1/2023	4/30/2023	M641	Bison Winc ND		State/Provi	N/A	N/A	N/A	2023	MN	MN, WI Ba	106552	641-ND-04 No	N/A	2024-04-30	
Minnesot	2023 MP MN RES Compliance	EE783B71-A29B	Hydroelectric Water	2/1/2023	2/1/2023	2/28/2023	M420	Winton Hyi MN		State/Provi	N/A	N/A	N/A	2023	MN	MN, WI No	755	420-MN-02 No	N/A	2024-04-30	
Minnesot	2023 MP MN RES Compliance	EE783B71-A29B	Hydroelectric Water	11/1/2023	11/1/2023	11/30/2023	M414	Rapids Ene MN		State/Provi	N/A	N/A	N/A	2023	MN	MN	582	414-MN-11 No	N/A	2024-04-30	

Renewable Energy Certificate Retirement Report for
RENEWABLE ENERGY STANDARDS and GREEN PRICING PROGRAMS

Minnesota2023 MP MN RES Compliance	EE783B71-A29B	Hydroelectric Water	9/1/2023	9/1/2023	9/30/2023	M414	Rapids Ene MN	State/Provi N/A	N/A	N/A	2023	MN	MN	39	414-MN-05 No	N/A	2024-04-3C
Minnesota2023 MP MN RES Compliance	EE783B71-A29B	Wind	4/1/2023	4/1/2023	4/30/2023	M541	Oliver Wini ND	State/Provi N/A	N/A	N/A	2023	MN	MN	38202	541-ND-04 No	N/A	2024-04-3C
Minnesota2023 MP MN RES Compliance	EE783B71-A29B	Hydroelectric Water	11/1/2023	11/1/2023	11/30/2023	M648	Blanchard I MN	State/Provi N/A	N/A	N/A	2023	MN	MN, WI Ba	3478	648-MN-11 No	N/A	2024-04-3C
Minnesota2023 MP MN RES Compliance	EE783B71-A29B	Hydroelectric Water	12/1/2023	12/1/2023	12/31/2023	M418	Scanlon Hy MN	State/Provi N/A	N/A	N/A	2023	MN	MN, WI No	603	418-MN-12 No	N/A	2024-04-3C
Minnesota2023 MP MN RES Compliance	EE783B71-A29B	Wind	6/1/2023	6/1/2023	6/30/2023	M480	Tac Ridge \ MN	State/Provi N/A	N/A	N/A	2023	MN	MN	2433	480-MN-06 No	N/A	2024-04-3C
Minnesota2023 MP MN RES Compliance	EE783B71-A29B	Wind	3/1/2023	3/1/2023	3/31/2023	M480	Tac Ridge \ MN	State/Provi N/A	N/A	N/A	2023	MN	MN	3906	480-MN-03 No	N/A	2024-04-3C
Minnesota2023 MP MN RES Compliance	EE783B71-A29B	Wind	1/1/2023	1/1/2023	1/31/2023	M310	Wing River MN	State/Provi N/A	N/A	N/A	2023	MN	MN	313	310-MN-01 No	N/A	2024-04-3C
Minnesota2023 MP MN RES Compliance	EE783B71-A29B	Hydroelectric Water	10/1/2023	10/1/2023	10/31/2023	M378	Fond Du La MN	State/Provi N/A	N/A	N/A	2023	MN	MN, WI No	5342	378-MN-1C No	N/A	2024-04-3C
Minnesota2023 MP MN RES Compliance	EE783B71-A29B	Biomass	9/1/2023	9/1/2023	9/30/2023	M518	Hibbard En MN	State/Provi N/A	N/A	N/A	2023	MN	MN, WI Ba	3824	518-MN-05 No	N/A	2024-04-3C
Minnesota2023 MP MN RES Compliance	EE783B71-A29B	Hydroelectric Water	1/1/2023	1/1/2023	1/31/2023	M414	Rapids Ene MN	State/Provi N/A	N/A	N/A	2023	MN	MN	767	414-MN-01 No	N/A	2024-04-3C
Minnesota2023 MP MN RES Compliance	EE783B71-A29B	Hydroelectric Water	4/1/2023	4/1/2023	4/30/2023	M419	Sylvan Hyd MN	State/Provi N/A	N/A	N/A	2023	MN	MN, WI No	839	419-MN-04 No	N/A	2024-04-3C
Minnesota2023 MP MN RES Compliance	EE783B71-A29B	Hydroelectric Water	7/1/2023	7/1/2023	7/31/2023	M419	Sylvan Hyd MN	State/Provi N/A	N/A	N/A	2023	MN	MN, WI No	468	419-MN-07 No	N/A	2024-04-3C
Minnesota2023 MP MN RES Compliance	EE783B71-A29B	Wind	9/1/2023	9/1/2023	9/30/2023	M641	Bison Winc ND	State/Provi N/A	N/A	N/A	2023	MN	MN, WI Ba	65310	641-ND-09 No	N/A	2024-04-3C
Minnesota2023 MP MN RES Compliance	EE783B71-A29B	Hydroelectric Water	9/1/2023	9/1/2023	9/30/2023	M409	Little Falls I MN	State/Provi N/A	N/A	N/A	2023	MN	MN, WI No	995	409-MN-05 No	N/A	2024-04-3C
Minnesota2023 MP MN RES Compliance	EE783B71-A29B	Hydroelectric Water	10/1/2023	10/1/2023	10/31/2023	M412	Prairie Rive MN	State/Provi N/A	N/A	N/A	2023	MN	MN	185	412-MN-1C No	N/A	2024-04-3C
Minnesota2023 MP MN RES Compliance	EE783B71-A29B	Hydroelectric Water	9/1/2023	9/1/2023	9/30/2023	M419	Sylvan Hyd MN	State/Provi N/A	N/A	N/A	2023	MN	MN, WI No	361	419-MN-05 No	N/A	2024-04-3C
Minnesota2023 MP MN RES Compliance	EE783B71-A29B	Hydroelectric Water	5/1/2023	5/1/2023	5/31/2023	M412	Prairie Rive MN	State/Provi N/A	N/A	N/A	2023	MN	MN	238	412-MN-05 No	N/A	2024-04-3C
Minnesota2023 MP MN RES Compliance	EE783B71-A29B	Hydroelectric Water	8/1/2023	8/1/2023	8/31/2023	M410	Pillager Hyi MN	State/Provi N/A	N/A	N/A	2023	MN	MN, WI No	310	410-MN-08 No	N/A	2024-04-3C
Minnesota2023 MP MN RES Compliance	EE783B71-A29B	Wind	11/1/2023	11/30/2023	11/30/2023	M310	Wing River MN	State/Provi N/A	N/A	N/A	2023	MN	MN	536	310-MN-11 No	N/A	2024-04-3C
Minnesota2023 MP MN RES Compliance	EE783B71-A29B	Wind	6/1/2023	6/1/2023	6/30/2023	M641	Bison Winc ND	State/Provi N/A	N/A	N/A	2023	MN	MN, WI Ba	53434	641-ND-06 No	N/A	2024-04-3C
Minnesota2023 MP MN RES Compliance	EE783B71-A29B	Wind	9/1/2023	9/1/2023	9/30/2023	M541	Oliver Wini ND	State/Provi N/A	N/A	N/A	2023	MN	MN	24582	541-ND-09 No	N/A	2024-04-3C
Minnesota2023 MP MN RES Compliance	EE783B71-A29B	Wind	12/1/2023	12/31/2023	12/31/2023	M641	Bison Winc ND	State/Provi N/A	N/A	N/A	2023	MN	MN, WI Ba	74034	641-ND-12 No	N/A	2024-04-3C
Minnesota2023 MP MN RES Compliance	EE783B71-A29B	Wind	12/1/2023	12/1/2023	12/31/2023	M480	Tac Ridge \ MN	State/Provi N/A	N/A	N/A	2023	MN	MN	4839	480-MN-12 No	N/A	2024-04-3C
Minnesota2023 MP MN RES Compliance	EE783B71-A29B	Wind	6/1/2023	6/1/2023	6/30/2023	M310	Wing River MN	State/Provi N/A	N/A	N/A	2023	MN	MN	162	310-MN-06 No	N/A	2024-04-3C
Minnesota2023 MP MN RES Compliance	EE783B71-A29B	Hydroelectric Water	3/1/2023	3/1/2023	3/31/2023	M407	Knife Falls I MN	State/Provi N/A	N/A	N/A	2023	MN	MN, WI No	924	407-MN-03 No	N/A	2024-04-3C
Minnesota2023 MP MN RES Compliance	EE783B71-A29B	Hydroelectric Water	6/1/2023	6/1/2023	6/30/2023	M648	Blanchard I MN	State/Provi N/A	N/A	N/A	2023	MN	MN, WI Ba	6185	648-MN-06 No	N/A	2024-04-3C
Minnesota2023 MP MN RES Compliance	EE783B71-A29B	Hydroelectric Water	1/1/2023	1/1/2023	1/31/2023	M410	Pillager Hyi MN	State/Provi N/A	N/A	N/A	2023	MN	MN, WI No	518	410-MN-01 No	N/A	2024-04-3C
Minnesota2023 MP MN RES Compliance	EE783B71-A29B	Hydroelectric Water	3/1/2023	3/1/2023	3/31/2023	M409	Little Falls I MN	State/Provi N/A	N/A	N/A	2023	MN	MN, WI No	3032	409-MN-03 No	N/A	2024-04-3C
Minnesota2023 MP MN RES Compliance	EE783B71-A29B	Hydroelectric Water	5/1/2023	5/1/2023	5/31/2023	M419	Sylvan Hyd MN	State/Provi N/A	N/A	N/A	2023	MN	MN, WI No	1223	419-MN-05 No	N/A	2024-04-3C
Minnesota2023 MP MN RES Compliance	EE783B71-A29B	Hydroelectric Water	6/1/2023	6/1/2023	6/30/2023	M410	Pillager Hyi MN	State/Provi N/A	N/A	N/A	2023	MN	MN, WI No	591	410-MN-06 No	N/A	2024-04-3C
Minnesota2023 MP MN RES Compliance	EE783B71-A29B	Hydroelectric Water	6/1/2023	6/1/2023	6/30/2023	M414	Rapids Ene MN	State/Provi N/A	N/A	N/A	2023	MN	MN	938	414-MN-06 No	N/A	2024-04-3C
Minnesota2023 MP MN RES Compliance	EE783B71-A29B	Hydroelectric Water	1/1/2023	1/1/2023	1/31/2023	M419	Sylvan Hyd MN	State/Provi N/A	N/A	N/A	2023	MN	MN, WI No	751	419-MN-01 No	N/A	2024-04-3C
Minnesota2023 MP MN RES Compliance	EE783B71-A29B	Hydroelectric Water	4/1/2023	4/1/2023	4/30/2023	M407	Knife Falls I MN	State/Provi N/A	N/A	N/A	2023	MN	MN, WI No	424	407-MN-04 No	N/A	2024-04-3C
Minnesota2023 MP MN RES Compliance	EE783B71-A29B	Hydroelectric Water	8/1/2023	8/1/2023	8/31/2023	M648	Blanchard I MN	State/Provi N/A	N/A	N/A	2023	MN	MN, WI Ba	2072	648-MN-08 No	N/A	2024-04-3C
Minnesota2023 MP MN RES Compliance	EE783B71-A29B	Biomass	4/1/2023	4/1/2023	4/30/2023	M428	Hibbard En MN	State/Provi N/A	N/A	N/A	2023	MN	MN, WI No	2065	428-MN-04 No	N/A	2024-04-3C
Minnesota2023 MP MN RES Compliance	EE783B71-A29B	Wind	4/1/2023	4/1/2023	4/30/2023	M480	Tac Ridge \ MN	State/Provi N/A	N/A	N/A	2023	MN	MN	4867	480-MN-04 No	N/A	2024-04-3C
Minnesota2023 MP MN RES Compliance	EE783B71-A29B	Biomass	1/1/2023	1/1/2023	1/31/2023	M428	Hibbard En MN	State/Provi N/A	N/A	N/A	2023	MN	MN, WI No	7201	428-MN-01 No	N/A	2024-04-3C
Minnesota2023 MP MN RES Compliance	EE783B71-A29B	Hydroelectric Water	3/1/2023	3/1/2023	3/31/2023	M378	Fond Du La MN	State/Provi N/A	N/A	N/A	2023	MN	MN, WI No	5517	378-MN-03 No	N/A	2024-04-3C
Minnesota2023 MP MN RES Compliance	EE783B71-A29B	Wind	10/1/2023	10/1/2023	10/31/2023	M480	Tac Ridge \ MN	State/Provi N/A	N/A	N/A	2023	MN	MN	4055	480-MN-1C No	N/A	2024-04-3C
Minnesota2023 MP MN RES Compliance	EE783B71-A29B	Biomass	10/1/2023	10/1/2023	10/31/2023	M428	Hibbard En MN	State/Provi N/A	N/A	N/A	2023	MN	MN, WI No	3289	428-MN-1C No	N/A	2024-04-3C
Minnesota2023 MP MN RES Compliance	EE783B71-A29B	Hydroelectric Water	8/1/2023	8/1/2023	8/31/2023	M407	Knife Falls I MN	State/Provi N/A	N/A	N/A	2023	MN	MN, WI No	131	407-MN-08 No	N/A	2024-04-3C
Minnesota2023 MP MN RES Compliance	EE783B71-A29B	Hydroelectric Water	9/1/2023	9/1/2023	9/30/2023	M420	Winton Hyi MN	State/Provi N/A	N/A	N/A	2023	MN	MN, WI No	41	420-MN-05 No	N/A	2024-04-3C
Minnesota2023 MP MN RES Compliance	EE783B71-A29B	Hydroelectric Water	9/1/2023	9/1/2023	9/30/2023	M407	Knife Falls I MN	State/Provi N/A	N/A	N/A	2023	MN	MN, WI No	455	407-MN-05 No	N/A	2024-04-3C
Minnesota2023 MP MN RES Compliance	EE783B71-A29B	Hydroelectric Water	3/1/2023	3/1/2023	3/31/2023	M420	Winton Hyi MN	State/Provi N/A	N/A	N/A	2023	MN	MN, WI No	931	420-MN-03 No	N/A	2024-04-3C
Minnesota2023 MP MN RES Compliance	EE783B71-A29B	Wind	10/1/2023	10/1/2023	10/31/2023	M641	Bison Winc ND	State/Provi N/A	N/A	N/A	2023	MN	MN, WI Ba	83652	641-ND-10 No	N/A	2024-04-3C
Minnesota2023 MP MN RES Compliance	EE783B71-A29B	Hydroelectric Water	5/1/2023	5/1/2023	5/31/2023	M414	Rapids Ene MN	State/Provi N/A	N/A	N/A	2023	MN	MN	916	414-MN-05 No	N/A	2024-04-3C
Minnesota2023 MP MN RES Compliance	EE783B71-A29B	Wind	9/1/2023	9/1/2023	9/30/2023	M480	Tac Ridge \ MN	State/Provi N/A	N/A	N/A	2023	MN	MN	3647	480-MN-05 No	N/A	2024-04-3C
Minnesota2023 MP MN RES Compliance	EE783B71-A29B	Hydroelectric Water	10/1/2023	10/1/2023	10/31/2023	M924	Thomson F MN	State/Provi N/A	N/A	N/A	2023	MN	MN	23588	924-MN-1C No	N/A	2024-04-3C
Minnesota2023 MP MN RES Compliance	EE783B71-A29B	Wind	5/1/2023	5/1/2023	5/31/2023	M641	Bison Winc ND	State/Provi N/A	N/A	N/A	2023	MN	MN, WI Ba	65971	641-ND-05 No	N/A	2024-04-3C
Minnesota2023 MP MN RES Compliance	EE783B71-A29B	Hydroelectric Water	7/1/2023	7/1/2023	7/31/2023	M378	Fond Du La MN	State/Provi N/A	N/A	N/A	2023	MN	MN, WI No	1159	378-MN-07 No	N/A	2024-04-3C
Minnesota2023 MP MN RES Compliance	EE783B71-A29B	Hydroelectric Water	11/1/2023	11/1/2023	11/30/2023	M420	Winton Hyi MN	State/Provi N/A	N/A	N/A	2023	MN	MN, WI No	1222	420-MN-11 No	N/A	2024-04-3C
Minnesota2023 MP MN RES Compliance	EE783B71-A29B	Hydroelectric Water	12/1/2023	12/1/2023	12/31/2023	M412	Prairie Rive MN	State/Provi N/A	N/A	N/A	2023	MN	MN	246	412-MN-12 No	N/A	2024-04-3C
Minnesota2023 MP MN RES Compliance	EE783B71-A29B	Hydroelectric Water	2/1/2023	2/1/2023	2/28/2023	M407	Knife Falls I MN	State/Provi N/A	N/A	N/A	2023	MN	MN, WI No	1044	407-MN-02 No	N/A	2024-04-3C
Minnesota2023 MP MN RES Compliance	EE783B71-A29B	Wind	10/1/2023	10/1/2023	10/31/2023	M541	Oliver Wini ND	State/Provi N/A	N/A	N/A	2023	MN	MN	32872	541-ND-10 No	N/A	2024-04-3C
Minnesota2023 MP MN RES Compliance	EE783B71-A29B	Wind	8/1/2023	8/1/2023	8/31/2023	M541	Oliver Wini ND	State/Provi N/A	N/A	N/A	2023	MN	MN	22436	541-ND-08 No	N/A	2024-04-3C
Minnesota2023 MP MN RES Compliance	EE783B71-A29B	Hydroelectric Water	12/1/2023	12/1/2023	12/31/2023	M648	Blanchard I MN	State/Provi N/A	N/A	N/A	2023	MN	MN, WI Ba	6333	648-MN-12 No	N/A	2024-04-3C
Minnesota2023 MP MN RES Compliance	EE783B71-A29B	Hydroelectric Water	3/1/2023	3/1/2023	3/31/2023	M418	Scanlon Hy MN	State/Provi N/A	N/A	N/A	2023	MN	MN, WI No	609	418-MN-03 No	N/A	2024-04-3C
Minnesota2023 MP MN RES Compliance	EE783B71-A29B	Hydroelectric Water	9/1/2023	9/1/2023	9/30/2023	M378	Fond Du La MN	State/Provi N/A	N/A	N/A	2023	MN	MN, WI No	2499	378-MN-05 No	N/A	2024-04-3C
Minnesota2023 MP MN RES Compliance	EE783B71-A29B	Hydroelectric Water	4/1/2023	4/1/2023	4/30/2023	M410	Pillager Hyi MN	State/Provi N/A	N/A	N/A	2023	MN	MN, WI No	493	410-MN-04 No	N/A	2024-04-3C
Minnesota2023 MP MN RES Compliance	EE783B71-A29B	Hydroelectric Water	8/1/2023	8/1/2023	8/31/2023	M420	Winton Hyi MN	State/Provi N/A	N/A	N/A	2023	MN	MN, WI No	21	420-MN-08 No	N/A	2024-04-3C
Minnesota2023 MP MN RES Compliance	EE783B71-A29B	Hydroelectric Water	11/1/2023	11/1/2023	11/30/2023	M412	Prairie Rive MN	State/Provi N/A	N/A	N/A	2023	MN	MN	216	412-MN-11 No	N/A	2024-04-3C
Minnesota2023 MP MN RES Compliance	EE783B71-A29B	Wind	3/1/2023	3/1/2023	3/31/2023	M310	Wing River MN	State/Provi N/A	N/A	N/A	2023	MN	MN	493	310-MN-03 No	N/A	2024-04-3C
Minnesota2023 MP MN RES Compliance	EE783B71-A29B	Hydroelectric Water	8/1/2023	8/1/2023	8/31/2023	M924	Thomson F MN	State/Provi N/A	N/A	N/A	2023	MN	MN	291	924-MN-08 No	N/A	2024-04-3C
Minnesota2023 MP MN RES Compliance	EE783B71-A29B	Wind	11/1/2023	11/1/2023	11/30/2023	M641	Bison Winc ND	State/Provi N/A	N/A	N/A	2023	MN	MN, WI Ba	14407	641-ND-11 No	N/A	2024-04-3C
Minnesota2023 MP MN RES Compliance	EE783B71-A29B	Hydroelectric Water	8/1/2023	8/1/2023	8/31/2023	M419	Sylvan Hyd MN	State/Provi N/A	N/A	N/A</							

Renewable Energy Certificate Retirement Report for
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Minnesota 2023 MP MN RES Compliance	EE783B71-A29B	Wind	8/1/2023	8/1/2023	8/31/2023	M480	Tac Ridge \ MN	State/Provi N/A	N/A	N/A	2023	MN	MN	2719	480-MN-08 No	N/A	2024-04-3C
Minnesota 2023 MP MN RES Compliance	EE783B71-A29B	Hydroelectric Water	7/1/2023	7/1/2023	7/31/2023	M407	Knife Falls I MN	State/Provi N/A	N/A	N/A	2023	MN	MN, WI	No 393	407-MN-07 No	N/A	2024-04-3C
Minnesota 2023 MP MN RES Compliance	EE783B71-A29B	Hydroelectric Water	5/1/2023	5/1/2023	5/31/2023	M378	Fond Du La MN	State/Provi N/A	N/A	N/A	2023	MN	MN, WI	No 4581	378-MN-05 No	N/A	2024-04-3C
Minnesota 2023 MP MN RES Compliance	EE783B71-A29B	Hydroelectric Water	9/1/2023	9/1/2023	9/30/2023	M418	Scanlon Hy MN	State/Provi N/A	N/A	N/A	2023	MN	MN, WI	No 364	418-MN-05 No	N/A	2024-04-3C
Minnesota 2023 MP MN RES Compliance	EE783B71-A29B	Biomass	8/1/2023	8/1/2023	8/31/2023	M428	Hibbard En MN	State/Provi N/A	N/A	N/A	2023	MN	MN, WI	No 7611	428-MN-08 No	N/A	2024-04-3C
Minnesota 2023 MP MN RES Compliance	EE783B71-A29B	Hydroelectric Water	3/1/2023	3/1/2023	3/31/2023	M414	Rapids Ene MN	State/Provi N/A	N/A	N/A	2023	MN	MN	1006	414-MN-03 No	N/A	2024-04-3C
Minnesota 2023 MP MN RES Compliance	EE783B71-A29B	Biomass	7/1/2023	7/1/2023	7/31/2023	M518	Hibbard En MN	State/Provi N/A	N/A	N/A	2023	MN	MN, WI	Ba 1592	518-MN-07 No	N/A	2024-04-3C
Minnesota 2023 MP MN RES Compliance	EE783B71-A29B	Hydroelectric Water	11/1/2023	11/1/2023	11/30/2023	M418	Scanlon Hy MN	State/Provi N/A	N/A	N/A	2023	MN	MN, WI	No 722	418-MN-11 No	N/A	2024-04-3C
Minnesota 2023 MP MN RES Compliance	EE783B71-A29B	Biomass	6/1/2023	6/1/2023	6/30/2023	M518	Hibbard En MN	State/Provi N/A	N/A	N/A	2023	MN	MN, WI	Ba 1345	518-MN-06 No	N/A	2024-04-3C
Minnesota 2023 MP MN RES Compliance	EE783B71-A29B	Hydroelectric Water	5/1/2023	5/1/2023	5/31/2023	M418	Scanlon Hy MN	State/Provi N/A	N/A	N/A	2023	MN	MN, WI	No 437	418-MN-05 No	N/A	2024-04-3C
Minnesota 2023 MP MN RES Compliance	EE783B71-A29B	Hydroelectric Water	2/1/2023	2/1/2023	2/28/2023	M410	Pillager Hyi MN	State/Provi N/A	N/A	N/A	2023	MN	MN, WI	No 453	410-MN-02 No	N/A	2024-04-3C
Minnesota 2023 MP MN RES Compliance	EE783B71-A29B	Hydroelectric Water	3/1/2023	3/1/2023	3/31/2023	M419	Sylvan Hyd MN	State/Provi N/A	N/A	N/A	2023	MN	MN, WI	No 754	419-MN-03 No	N/A	2024-04-3C
Minnesota 2023 MP MN RES Compliance	EE783B71-A29B	Hydroelectric Water	12/1/2023	12/1/2023	12/31/2023	M420	Winton Hyi MN	State/Provi N/A	N/A	N/A	2023	MN	MN, WI	No 992	420-MN-12 No	N/A	2024-04-3C
Minnesota 2023 MP MN RES Compliance	EE783B71-A29B	Hydroelectric Water	6/1/2023	6/1/2023	6/30/2023	M409	Little Falls I MN	State/Provi N/A	N/A	N/A	2023	MN	MN, WI	No 2612	409-MN-06 No	N/A	2024-04-3C
Minnesota 2023 MP MN RES Compliance	EE783B71-A29B	Hydroelectric Water	5/1/2023	5/1/2023	5/31/2023	M407	Knife Falls I MN	State/Provi N/A	N/A	N/A	2023	MN	MN, WI	No 1032	407-MN-05 No	N/A	2024-04-3C
Minnesota 2023 MP MN RES Compliance	EE783B71-A29B	Hydroelectric Water	12/1/2023	12/1/2023	12/31/2023	M924	Thomson F MN	State/Provi N/A	N/A	N/A	2023	MN	MN	26599	924-MN-12 No	N/A	2024-04-3C
Minnesota 2023 MP MN RES Compliance	EE783B71-A29B	Biomass	3/1/2023	3/1/2023	3/31/2023	M428	Hibbard En MN	State/Provi N/A	N/A	N/A	2023	MN	MN, WI	No 494	428-MN-03 No	N/A	2024-04-3C
Minnesota 2023 MP MN RES Compliance	EE783B71-A29B	Hydroelectric Water	9/1/2023	9/1/2023	9/30/2023	M410	Pillager Hyi MN	State/Provi N/A	N/A	N/A	2023	MN	MN, WI	No 253	410-MN-05 No	N/A	2024-04-3C
Minnesota 2023 MP MN RES Compliance	EE783B71-A29B	Hydroelectric Water	5/1/2023	5/1/2023	5/31/2023	M648	Blanchard I MN	State/Provi N/A	N/A	N/A	2023	MN	MN, WI	Ba 10335	648-MN-05 No	N/A	2024-04-3C
Minnesota 2023 MP MN RES Compliance	EE783B71-A29B	Wind	7/1/2023	7/1/2023	7/31/2023	M480	Tac Ridge \ MN	State/Provi N/A	N/A	N/A	2023	MN	MN	1975	480-MN-07 No	N/A	2024-04-3C
Minnesota 2023 MP MN RES Compliance	EE783B71-A29B	Hydroelectric Water	10/1/2023	10/1/2023	10/31/2023	M648	Blanchard I MN	State/Provi N/A	N/A	N/A	2023	MN	MN, WI	Ba 3964	648-MN-1C No	N/A	2024-04-3C
Minnesota 2023 MP MN RES Compliance	EE783B71-A29B	Hydroelectric Water	9/1/2023	9/1/2023	9/30/2023	M924	Thomson F MN	State/Provi N/A	N/A	N/A	2023	MN	MN	10383	924-MN-05 No	N/A	2024-04-3C
Minnesota 2023 MP MN RES Compliance	EE783B71-A29B	Hydroelectric Water	2/1/2023	2/1/2023	2/28/2023	M418	Scanlon Hy MN	State/Provi N/A	N/A	N/A	2023	MN	MN, WI	No 336	418-MN-02 No	N/A	2024-04-3C
Minnesota 2023 MP MN RES Compliance	EE783B71-A29B	Biomass	5/1/2023	5/1/2023	5/31/2023	M429	Rapids Ene MN	State/Provi N/A	N/A	N/A	2023	MN	MN	39	429-MN-05 No	N/A	2024-04-3C
Minnesota 2023 MP MN RES Compliance	EE783B71-A29B	Hydroelectric Water	8/1/2023	8/1/2023	8/31/2023	M409	Little Falls I MN	State/Provi N/A	N/A	N/A	2023	MN	MN, WI	No 1193	409-MN-08 No	N/A	2024-04-3C
Minnesota 2023 MP MN RES Compliance	EE783B71-A29B	Hydroelectric Water	7/1/2023	7/1/2023	7/31/2023	M924	Thomson F MN	State/Provi N/A	N/A	N/A	2023	MN	MN	3185	924-MN-07 No	N/A	2024-04-3C
Minnesota 2023 MP MN RES Compliance	EE783B71-A29B	Hydroelectric Water	4/1/2023	4/1/2023	4/30/2023	M418	Scanlon Hy MN	State/Provi N/A	N/A	N/A	2023	MN	MN, WI	No 239	418-MN-04 No	N/A	2024-04-3C
Minnesota 2023 MP MN RES Compliance	EE783B71-A29B	Hydroelectric Water	8/1/2023	8/1/2023	8/31/2023	M378	Fond Du La MN	State/Provi N/A	N/A	N/A	2023	MN	MN, WI	No 124	378-MN-08 No	N/A	2024-04-3C
Minnesota 2023 MP MN RES Compliance	EE783B71-A29B	Biomass	9/1/2023	9/1/2023	9/30/2023	M428	Hibbard En MN	State/Provi N/A	N/A	N/A	2023	MN	MN, WI	No 5017	428-MN-05 No	N/A	2024-04-3C
Minnesota 2023 MP MN RES Compliance	EE783B71-A29B	Hydroelectric Water	1/1/2023	1/1/2023	1/31/2023	M420	Winton Hyi MN	State/Provi N/A	N/A	N/A	2023	MN	MN, WI	No 682	420-MN-01 No	N/A	2024-04-3C
Minnesota 2023 MP MN RES Compliance	EE783B71-A29B	Hydroelectric Water	11/1/2023	11/1/2023	11/30/2023	M407	Knife Falls I MN	State/Provi N/A	N/A	N/A	2023	MN	MN, WI	No 1045	407-MN-11 No	N/A	2024-04-3C
Minnesota 2023 MP MN RES Compliance	EE783B71-A29B	Hydroelectric Water	1/1/2023	1/1/2023	1/31/2023	M407	Knife Falls I MN	State/Provi N/A	N/A	N/A	2023	MN	MN, WI	No 1222	407-MN-01 No	N/A	2024-04-3C
Minnesota 2023 MP MN RES Compliance	EE783B71-A29B	Hydroelectric Water	2/1/2023	2/1/2023	2/28/2023	M412	Prairie Rive MN	State/Provi N/A	N/A	N/A	2023	MN	MN	104	412-MN-02 No	N/A	2024-04-3C
Minnesota 2023 MP MN RES Compliance	EE783B71-A29B	Hydroelectric Water	12/1/2023	12/1/2023	12/31/2023	M409	Little Falls I MN	State/Provi N/A	N/A	N/A	2023	MN	MN, WI	No 2695	409-MN-12 No	N/A	2024-04-3C
Minnesota 2023 MP MN RES Compliance	EE783B71-A29B	Hydroelectric Water	2/1/2023	2/1/2023	2/28/2023	M414	Rapids Ene MN	State/Provi N/A	N/A	N/A	2023	MN	MN	923	414-MN-02 No	N/A	2024-04-3C
Minnesota 2023 MP MN RES Compliance	EE783B71-A29B	Biomass	5/1/2023	5/1/2023	5/31/2023	M428	Hibbard En MN	State/Provi N/A	N/A	N/A	2023	MN	MN, WI	No 1853	428-MN-05 No	N/A	2024-04-3C
Minnesota 2023 MP MN RES Compliance	EE783B71-A29B	Hydroelectric Water	2/1/2023	2/1/2023	2/28/2023	M419	Sylvan Hyd MN	State/Provi N/A	N/A	N/A	2023	MN	MN, WI	No 569	419-MN-02 No	N/A	2024-04-3C
Minnesota 2023 MP MN RES Compliance	EE783B71-A29B	Wind	2/1/2023	2/1/2023	2/28/2023	M480	Tac Ridge \ MN	State/Provi N/A	N/A	N/A	2023	MN	MN	5030	480-MN-02 No	N/A	2024-04-3C
Minnesota 2023 MP MN RES Compliance	EE783B71-A29B	Wind	3/1/2023	3/1/2023	3/31/2023	M641	Bison Winc ND	State/Provi N/A	N/A	N/A	2023	MN	MN, WI	Ba 104551	641-ND-03 No	N/A	2024-04-3C
Minnesota 2023 MP MN RES Compliance	EE783B71-A29B	Biomass	7/1/2023	7/1/2023	7/31/2023	M428	Hibbard En MN	State/Provi N/A	N/A	N/A	2023	MN	MN, WI	No 4633	428-MN-07 No	N/A	2024-04-3C
Minnesota 2023 MP MN RES Compliance	EE783B71-A29B	Hydroelectric Water	6/1/2023	6/1/2023	6/30/2023	M407	Knife Falls I MN	State/Provi N/A	N/A	N/A	2023	MN	MN, WI	No 570	407-MN-06 No	N/A	2024-04-3C
Minnesota 2023 MP MN RES Compliance	EE783B71-A29B	Hydroelectric Water	3/1/2023	3/1/2023	3/31/2023	M924	Thomson F MN	State/Provi N/A	N/A	N/A	2023	MN	MN	24782	924-MN-03 No	N/A	2024-04-3C
Minnesota 2023 MP MN RES Compliance	EE783B71-A29B	Hydroelectric Water	7/1/2023	7/1/2023	7/31/2023	M409	Little Falls I MN	State/Provi N/A	N/A	N/A	2023	MN	MN, WI	No 1870	409-MN-07 No	N/A	2024-04-3C
Minnesota 2023 MP MN RES Compliance	EE783B71-A29B	Biomass	11/1/2023	11/1/2023	11/30/2023	M428	Hibbard En MN	State/Provi N/A	N/A	N/A	2023	MN	MN, WI	No 1020	428-MN-11 No	N/A	2024-04-3C
Minnesota 2023 MP MN RES Compliance	EE783B71-A29B	Wind	7/1/2023	7/1/2023	7/31/2023	M310	Wing River MN	State/Provi N/A	N/A	N/A	2023	MN	MN	244	310-MN-07 No	N/A	2024-04-3C
Minnesota 2023 MP MN RES Compliance	EE783B71-A29B	Hydroelectric Water	7/1/2023	7/1/2023	7/31/2023	M648	Blanchard I MN	State/Provi N/A	N/A	N/A	2023	MN	MN, WI	Ba 1286	648-MN-07 No	N/A	2024-04-3C
Minnesota 2023 MP MN RES Compliance	EE783B71-A29B	Hydroelectric Water	12/1/2023	12/1/2023	12/31/2023	M407	Knife Falls I MN	State/Provi N/A	N/A	N/A	2023	MN	MN, WI	No 941	407-MN-12 No	N/A	2024-04-3C
Minnesota 2023 MP MN RES Compliance	EE783B71-A29B	Hydroelectric Water	4/1/2023	4/1/2023	4/30/2023	M414	Rapids Ene MN	State/Provi N/A	N/A	N/A	2023	MN	MN	705	414-MN-04 No	N/A	2024-04-3C
Minnesota 2023 MP MN RES Compliance	EE783B71-A29B	Hydroelectric Water	1/1/2023	1/1/2023	1/31/2023	M409	Little Falls I MN	State/Provi N/A	N/A	N/A	2023	MN	MN, WI	No 3019	409-MN-01 No	N/A	2024-04-3C
Minnesota 2023 MP MN RES Compliance	EE783B71-A29B	Hydroelectric Water	7/1/2023	7/1/2023	7/31/2023	M410	Pillager Hyi MN	State/Provi N/A	N/A	N/A	2023	MN	MN, WI	No 432	410-MN-07 No	N/A	2024-04-3C
Minnesota 2023 MP MN RES Compliance	EE783B71-A29B	Hydroelectric Water	1/1/2023	1/1/2023	1/31/2023	M648	Blanchard I MN	State/Provi N/A	N/A	N/A	2023	MN	MN, WI	Ba 5712	648-MN-01 No	N/A	2024-04-3C
Minnesota 2023 MP MN RES Compliance	EE783B71-A29B	Wind	7/1/2023	7/1/2023	7/31/2023	M641	Bison Winc ND	State/Provi N/A	N/A	N/A	2023	MN	MN, WI	Ba 61285	641-ND-07 No	N/A	2024-04-3C
Minnesota 2023 MP MN RES Compliance	EE783B71-A29B	Biomass	5/1/2023	5/1/2023	5/31/2023	M518	Hibbard En MN	State/Provi N/A	N/A	N/A	2023	MN	MN, WI	Ba 1301	518-MN-05 No	N/A	2024-04-3C
Minnesota 2023 MP MN RES Compliance	EE783B71-A29B	Wind	12/1/2023	12/1/2023	12/31/2023	M310	Wing River MN	State/Provi N/A	N/A	N/A	2023	MN	MN	421	310-MN-12 No	N/A	2024-04-3C
Minnesota 2023 MP MN RES Compliance	EE783B71-A29B	Wind	5/1/2023	5/1/2023	5/31/2023	M541	Oliver Wini ND	State/Provi N/A	N/A	N/A	2023	MN	MN	23507	541-ND-05 No	N/A	2024-04-3C
Minnesota 2023 MP MN RES Compliance	EE783B71-A29B	Biomass	10/1/2023	10/1/2023	10/31/2023	M518	Hibbard En MN	State/Provi N/A	N/A	N/A	2023	MN	MN, WI	Ba 5424	518-MN-1C No	N/A	2024-04-3C
Minnesota 2023 MP MN RES Compliance	EE783B71-A29B	Wind	2/1/2023	2/1/2023	2/28/2023	M310	Wing River MN	State/Provi N/A	N/A	N/A	2023	MN	MN	530	310-MN-02 No	N/A	2024-04-3C
Minnesota 2023 MP MN RES Compliance	EE783B71-A29B	Wind	2/1/2023	2/1/2023	2/28/2023	M641	Bison Winc ND	State/Provi N/A	N/A	N/A	2023	MN	MN, WI	Ba 91443	641-ND-02 No	N/A	2024-04-3C
Minnesota 2023 MP MN RES Compliance	EE783B71-A29B	Hydroelectric Water	6/1/2023	6/1/2023	6/30/2023	M378	Fond Du La MN	State/Provi N/A	N/A	N/A	2023	MN	MN, WI	No 198	378-MN-06 No	N/A	2024-04-3C
Minnesota 2023 MP MN RES Compliance	EE783B71-A29B	Biomass	3/1/2023	3/1/2023	3/31/2023	M518	Hibbard En MN	State/Provi N/A	N/A	N/A	2023	MN	MN, WI	Ba 1409	518-MN-03 No	N/A	2024-04-3C
Minnesota 2023 MP MN RES Compliance	EE783B71-A29B	Wind	9/1/2023	9/1/2023	9/30/2023	M310	Wing River MN	State/Provi N/A	N/A	N/A	2023	MN	MN	40	310-MN-05 No	N/A	2024-04-3C
Minnesota 2023 MP MN RES Compliance	EE783B71-A29B	Hydroelectric Water	5/1/2023	5/1/2023	5/31/2023	M924	Thomson F MN	State/Provi N/A	N/A	N/A	2023	MN	MN	44477	924-MN-05 No	N/A	2024-04-3C
Minnesota 2023 MP MN RES Compliance	EE783B71-A29B	Hydroelectric Water	11/1/2023	11/1/2023	11/30/2023	M378	Fond Du La MN	State/Provi N/A	N/A	N/A	2023	MN	MN, WI	No 6393	378-MN-11 No	N/A	2024-04-3C
Minnesota 2023 MP MN RES Compliance	EE783B71-A29B	Hydroelectric Water	4/1/2023	4/1/2023	4/30/2023	M648	Blanchard I MN	State/Provi N/A	N/A	N/A	2023	MN	MN, WI	Ba 8404	648-MN-04 No	N/A	2024-04-3C
Minnesota 2023 MP MN RES Compliance	EE783B71-A29B																

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Minnesota 2023 MP MN RES Compliance	EE783B71-A29B	Wind	5/1/2023	5/1/2023	5/31/2023	M310	Wing River MN	State/Provi N/A	N/A	N/A	2023	MN	MN	434	310-MN-05 No	N/A	2024-04-30
Minnesota 2023 MP MN SES Compliance	FC1EC8A9-A3D3	Solar	9/1/2023	9/1/2023	9/30/2023	M16012	Jean Duluti MN	State/Provi N/A	N/A	N/A	2023	MN	MN	160	16012-MN No	N/A	2024-04-30
Minnesota 2023 MP MN SES Compliance	FC1EC8A9-A3D3	Solar	7/1/2023	7/1/2023	7/31/2023	M1063	Camptr Ripl MN	State/Provi N/A	N/A	N/A	2023	MN	MN	1923	1063-MN-C No	N/A	2024-04-30
Minnesota 2023 MP MN SES Compliance	FC1EC8A9-A3D3	Solar	3/1/2023	3/1/2023	3/31/2023	M16012	Jean Duluti MN	State/Provi N/A	N/A	N/A	2023	MN	MN	217	16012-MN No	N/A	2024-04-30
Minnesota 2023 MP MN SES Compliance	FC1EC8A9-A3D3	Solar	3/1/2023	3/1/2023	3/31/2023	M16474	Laskin Sola MN	State/Provi N/A	N/A	N/A	2023	MN	MN	948	16474-MN No	N/A	2024-04-30
Minnesota 2023 MP MN SES Compliance	FC1EC8A9-A3D3	Solar	4/1/2023	4/1/2023	4/30/2023	M16474	Laskin Sola MN	State/Provi N/A	N/A	N/A	2023	MN	MN	890	16474-MN No	N/A	2024-04-30
Minnesota 2023 MP MN SES Compliance	FC1EC8A9-A3D3	Solar	2/1/2023	2/1/2023	2/28/2023	M16474	Laskin Sola MN	State/Provi N/A	N/A	N/A	2023	MN	MN	680	16474-MN No	N/A	2024-04-30
Minnesota 2023 MP MN SES Compliance	FC1EC8A9-A3D3	Solar	6/1/2023	6/1/2023	6/30/2023	M16474	Laskin Sola MN	State/Provi N/A	N/A	N/A	2023	MN	MN	1168	16474-MN No	N/A	2024-04-30
Minnesota 2023 MP MN SES Compliance	FC1EC8A9-A3D3	Solar	12/1/2023	12/1/2023	12/31/2023	M16473	Sylvan Sola MN	State/Provi N/A	N/A	N/A	2023	MN	MN	47	16473-MN No	N/A	2024-04-30
Minnesota 2023 MP MN SES Compliance	FC1EC8A9-A3D3	Solar	11/1/2023	11/1/2023	11/30/2023	M1063	Camptr Ripl MN	State/Provi N/A	N/A	N/A	2023	MN	MN	850	1063-MN-1 No	N/A	2024-04-30
Minnesota 2023 MP MN SES Compliance	FC1EC8A9-A3D3	Solar	10/1/2023	10/1/2023	10/31/2023	M16012	Jean Duluti MN	State/Provi N/A	N/A	N/A	2023	MN	MN	104	16012-MN No	N/A	2024-04-30
Minnesota 2023 MP MN SES Compliance	FC1EC8A9-A3D3	Solar	8/1/2023	8/1/2023	8/31/2023	M16474	Laskin Sola MN	State/Provi N/A	N/A	N/A	2023	MN	MN	867	16474-MN No	N/A	2024-04-30
Minnesota 2023 MP MN SES Compliance	FC1EC8A9-A3D3	Solar	11/1/2023	11/1/2023	11/30/2023	M16474	Laskin Sola MN	State/Provi N/A	N/A	N/A	2023	MN	MN	225	16474-MN No	N/A	2024-04-30
Minnesota 2023 MP MN SES Compliance	FC1EC8A9-A3D3	Solar	11/1/2023	11/1/2023	11/30/2023	M16012	Jean Duluti MN	State/Provi N/A	N/A	N/A	2023	MN	MN	9	16012-MN No	N/A	2024-04-30
Minnesota 2023 MP MN SES Compliance	FC1EC8A9-A3D3	Solar	8/1/2023	8/1/2023	8/31/2023	M16473	Sylvan Sola MN	State/Provi N/A	N/A	N/A	2023	MN	MN	3132	16473-MN No	N/A	2024-04-30
Minnesota 2023 MP MN SES Compliance	FC1EC8A9-A3D3	Solar	10/1/2023	10/1/2023	10/31/2023	M16474	Laskin Sola MN	State/Provi N/A	N/A	N/A	2023	MN	MN	336	16474-MN No	N/A	2024-04-30
Minnesota 2023 MP MN SES Compliance	FC1EC8A9-A3D3	Solar	6/1/2023	6/1/2023	6/30/2023	M16012	Jean Duluti MN	State/Provi N/A	N/A	N/A	2023	MN	MN	320	16012-MN No	N/A	2024-04-30
Minnesota 2023 MP MN SES Compliance	FC1EC8A9-A3D3	Solar	12/1/2022	12/1/2022	12/31/2022	M1063	Camptr Ripl MN	State/Provi N/A	N/A	N/A	2023	MN	MN	43	1063-MN-1 No	N/A	2024-04-30
Minnesota 2023 MP MN SES Compliance	FC1EC8A9-A3D3	Solar	12/1/2023	12/1/2023	12/31/2023	M1063	Camptr Ripl MN	State/Provi N/A	N/A	N/A	2023	MN	MN	436	1063-MN-1 No	N/A	2024-04-30
Minnesota 2023 MP MN SES Compliance	FC1EC8A9-A3D3	Solar	9/1/2023	9/1/2023	9/30/2023	M16474	Laskin Sola MN	State/Provi N/A	N/A	N/A	2023	MN	MN	545	16474-MN No	N/A	2024-04-30
Minnesota 2023 MP MN SES Compliance	FC1EC8A9-A3D3	Solar	5/1/2023	5/1/2023	5/31/2023	M1063	Camptr Ripl MN	State/Provi N/A	N/A	N/A	2023	MN	MN	1928	1063-MN-C No	N/A	2024-04-30
Minnesota 2023 MP MN SES Compliance	FC1EC8A9-A3D3	Solar	7/1/2023	7/1/2023	7/31/2023	M16473	Sylvan Sola MN	State/Provi N/A	N/A	N/A	2023	MN	MN	3670	16473-MN No	N/A	2024-04-30
Minnesota 2023 MP MN SES Compliance	FC1EC8A9-A3D3	Solar	1/1/2023	1/1/2023	1/31/2023	M1063	Camptr Ripl MN	State/Provi N/A	N/A	N/A	2023	MN	MN	427	1063-MN-C No	N/A	2024-04-30
Minnesota 2023 MP MN SES Compliance	FC1EC8A9-A3D3	Solar	6/1/2023	6/1/2023	6/30/2023	M1063	Camptr Ripl MN	State/Provi N/A	N/A	N/A	2023	MN	MN	1849	1063-MN-C No	N/A	2024-04-30
Minnesota 2023 MP MN SES Compliance	FC1EC8A9-A3D3	Solar	7/1/2023	7/1/2023	7/31/2023	M16012	Jean Duluti MN	State/Provi N/A	N/A	N/A	2023	MN	MN	308	16012-MN No	N/A	2024-04-30
Minnesota 2023 MP MN SES Compliance	FC1EC8A9-A3D3	Solar	2/1/2023	2/1/2023	2/28/2023	M1063	Camptr Ripl MN	State/Provi N/A	N/A	N/A	2023	MN	MN	1119	1063-MN-C No	N/A	2024-04-30
Minnesota 2023 MP MN SES Compliance	FC1EC8A9-A3D3	Solar	7/1/2023	7/1/2023	7/31/2023	M16474	Laskin Sola MN	State/Provi N/A	N/A	N/A	2023	MN	MN	1003	16474-MN No	N/A	2024-04-30
Minnesota 2023 MP MN SES Compliance	FC1EC8A9-A3D3	Solar	5/1/2023	5/1/2023	5/31/2023	M16474	Laskin Sola MN	State/Provi N/A	N/A	N/A	2023	MN	MN	1226	16474-MN No	N/A	2024-04-30
Minnesota 2023 MP MN SES Compliance	FC1EC8A9-A3D3	Solar	10/1/2023	10/1/2023	10/31/2023	M16473	Sylvan Sola MN	State/Provi N/A	N/A	N/A	2023	MN	MN	1490	16473-MN No	N/A	2024-04-30
Minnesota 2023 MP MN SES Compliance	FC1EC8A9-A3D3	Solar	8/1/2023	8/1/2023	8/31/2023	M16012	Jean Duluti MN	State/Provi N/A	N/A	N/A	2023	MN	MN	267	16012-MN No	N/A	2024-04-30
Minnesota 2023 MP MN SES Compliance	FC1EC8A9-A3D3	Solar	12/1/2023	12/1/2023	12/31/2023	M16012	Jean Duluti MN	State/Provi N/A	N/A	N/A	2023	MN	MN	45	16012-MN No	N/A	2024-04-30
Minnesota 2023 MP MN SES Compliance	FC1EC8A9-A3D3	Solar	9/1/2023	9/1/2023	9/30/2023	M1063	Camptr Ripl MN	State/Provi N/A	N/A	N/A	2023	MN	MN	1273	1063-MN-C No	N/A	2024-04-30
Minnesota 2023 MP MN SES Compliance	FC1EC8A9-A3D3	Solar	4/1/2023	4/1/2023	4/30/2023	M1063	Camptr Ripl MN	State/Provi N/A	N/A	N/A	2023	MN	MN	1700	1063-MN-C No	N/A	2024-04-30
Minnesota 2023 MP MN SES Compliance	FC1EC8A9-A3D3	Solar	2/1/2023	2/1/2023	2/28/2023	M16012	Jean Duluti MN	State/Provi N/A	N/A	N/A	2023	MN	MN	148	16012-MN No	N/A	2024-04-30
Minnesota 2023 MP MN SES Compliance	FC1EC8A9-A3D3	Solar	4/1/2023	4/1/2023	4/30/2023	M16012	Jean Duluti MN	State/Provi N/A	N/A	N/A	2023	MN	MN	249	16012-MN No	N/A	2024-04-30
Minnesota 2023 MP MN SES Compliance	FC1EC8A9-A3D3	Solar	8/1/2023	8/1/2023	8/31/2023	M1063	Camptr Ripl MN	State/Provi N/A	N/A	N/A	2023	MN	MN	1768	1063-MN-C No	N/A	2024-04-30
Minnesota 2023 MP MN SES Compliance	FC1EC8A9-A3D3	Solar	5/1/2023	5/1/2023	5/31/2023	M16012	Jean Duluti MN	State/Provi N/A	N/A	N/A	2023	MN	MN	320	16012-MN No	N/A	2024-04-30
Minnesota 2023 MP MN SES Compliance	FC1EC8A9-A3D3	Solar	10/1/2023	10/1/2023	10/31/2023	M1063	Camptr Ripl MN	State/Provi N/A	N/A	N/A	2023	MN	MN	1028	1063-MN-1 No	N/A	2024-04-30
Minnesota 2023 MP MN SES Compliance	FC1EC8A9-A3D3	Solar	9/1/2023	9/1/2023	9/30/2023	M16473	Sylvan Sola MN	State/Provi N/A	N/A	N/A	2023	MN	MN	2065	16473-MN No	N/A	2024-04-30
Minnesota 2023 MP MN SES Compliance	FC1EC8A9-A3D3	Solar	3/1/2023	3/1/2023	3/31/2023	M1063	Camptr Ripl MN	State/Provi N/A	N/A	N/A	2023	MN	MN	1489	1063-MN-C No	N/A	2024-04-30
Minnesota 2023 MP MN SES Compliance	FC1EC8A9-A3D3	Solar	6/1/2023	6/1/2023	6/30/2023	M16473	Sylvan Sola MN	State/Provi N/A	N/A	N/A	2023	MN	MN	1999	16473-MN No	N/A	2024-04-30
Minnesota 2023 MP MN SES Small Solar Compliance	A11AC57E-5289	Solar	8/1/2021	8/1/2021	8/31/2021	M1474	MP Solar G MN	State/Provi N/A	N/A	N/A	2023	MN	MN SES Srr 236	1474-MN-C No	N/A	2024-04-30	
Minnesota 2023 MP MN SES Small Solar Compliance	A11AC57E-5289	Solar	11/1/2021	11/1/2021	11/30/2021	M1474	MP Solar G MN	State/Provi N/A	N/A	N/A	2023	MN	MN SES Srr 64	1474-MN-1 No	N/A	2024-04-30	
Minnesota 2023 MP MN SES Small Solar Compliance	A11AC57E-5289	Solar	10/1/2021	10/1/2021	10/31/2021	M1474	MP Solar G MN	State/Provi N/A	N/A	N/A	2023	MN	MN SES Srr 87	1474-MN-1 No	N/A	2024-04-30	
Minnesota 2023 MP MN SES Small Solar Compliance	A11AC57E-5289	Solar	9/1/2021	9/1/2021	9/30/2021	M1474	MP Solar G MN	State/Provi N/A	N/A	N/A	2023	MN	MN SES Srr 195	1474-MN-C No	N/A	2024-04-30	
Minnesota 2023 MP MN SES Small Solar Compliance	A11AC57E-5289	Solar	12/1/2021	1/1/2021	12/31/2021	M1473	MP DG Soli MN	State/Provi N/A	N/A	N/A	2023	MN	MN, MN St 3465	1473-MN-1 No	N/A	2024-04-30	
Minnesota 2023 MP MN SES Small Solar Compliance	A11AC57E-5289	Solar	7/1/2021	7/1/2021	7/31/2021	M1474	MP Solar G MN	State/Provi N/A	N/A	N/A	2023	MN	MN SES Srr 176	1474-MN-C No	N/A	2024-04-30	
Minnesota 2023 MP MN SES Small Solar Compliance	A11AC57E-5289	Solar	12/1/2021	12/1/2021	12/31/2021	M1474	MP Solar G MN	State/Provi N/A	N/A	N/A	2023	MN	MN SES Srr 29	1474-MN-1 No	N/A	2024-04-30	

Renewable Energy Certificate Retirement Report for RENEWABLE ENERGY STANDARDS and GREEN PRICING PROGRAMS

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STATE OF MINNESOTA)
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COUNTY OF ST. LOUIS)

AFFIDAVIT OF SERVICE VIA
ELECTRONIC FILING

Tiana Heger of the City of Duluth, County of St. Louis, State of Minnesota, says that on the 3rd day of June, 2024, she served Minnesota Power's Annual Compliance Filing in **Docket Nos. E-999/PR-24-12, E-999/PR-02-1240, and E-999/M-22-85** on the Minnesota Public Utilities Commission and the Energy Resources Division of the Minnesota Department of Commerce via electronic filing. The persons on E-Docket's Official Service List for this Docket were served as requested.



Tiana Heger