

**BEFORE THE MINNESOTA PUBLIC UTILITIES COMMISSION**

---

In the Matter of the Application of Minnesota Power for a Certificate of Need for the HVDC Modernization Project in Hermantown, Saint Louis County

MPUC Docket No. E-015/CN-22-607

In the Matter of the Application of Minnesota Power for a Route Permit for a High Voltage Transmission Line for the HVDC Modernization Project in Hermantown, Saint Louis County

MPUC Docket No. E-015/TL-22-611

---

**PETITION TO INTERVENE**

---

Pursuant to Minn. R. 1400.6200, 1405.0900, 7829.0800, American Transmission Company LLC, by its corporate manager ATC Management Inc. (collectively, “ATC”), respectfully petitions to intervene as a party in the above-captioned proceedings. In support of this petition, ATC states as follows:

1. ATC was founded and organized in 2001, pursuant to Wisconsin law, as the first multi-state transmission-only utility.<sup>1</sup> It is privately owned by 27 different utilities and electric cooperatives from Wisconsin, Michigan, Minnesota, and Illinois, including ALLETE, Inc., and has its principal place of business located at W324 N2000 Ridgeview Parkway Court, Waukesha, Wisconsin 53188.

2. ATC’s sole purpose is to plan, construct, operate, maintain, and expand the high-voltage electric transmission system in portions of Wisconsin, Michigan, Minnesota, and Illinois.<sup>2</sup> ATC currently owns, operates, and maintains over 10,000 miles of electric transmission lines and more than 580 electric substations. ATC is also a transmission-owning member of the

---

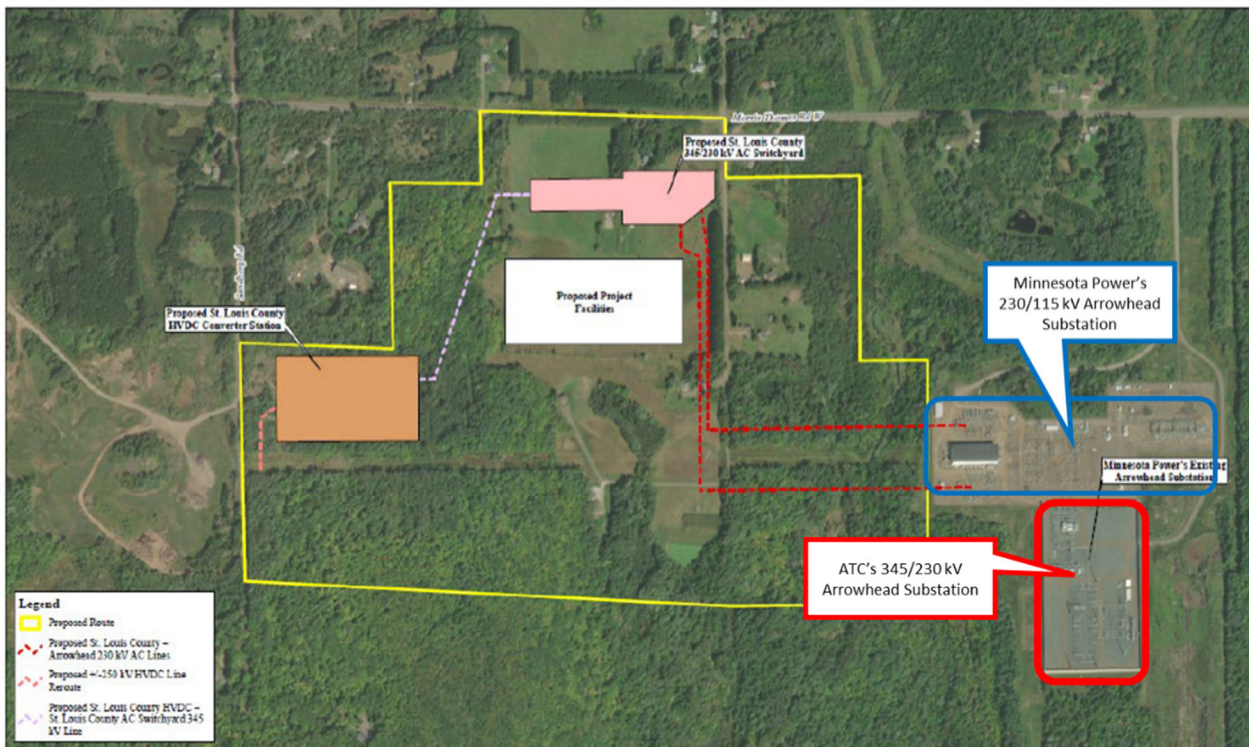
<sup>1</sup> Wis. Stat. § 196.485(3m).

<sup>2</sup> Wis. Stat. §§ 196.485(1)(ge), 196.485(3m)(b)1.–2.

Midcontinent Independent System Operator, Inc. (“MISO”). MISO is an independent, non-profit, regional transmission organization that the Federal Energy Regulatory Commission has designated as responsible for overseeing, operating, and planning the high-voltage transmission system across 15 states in the Midwest, including Minnesota and Wisconsin.

3. In Minnesota, ATC owns the Arrowhead 345/230-kV Substation located in Hermantown, while Minnesota Power (“MP” or “Applicant”) owns the adjoining Arrowhead 230/115-kV Substation. ATC also owns in Minnesota an approximately 12-mile 345-kV transmission line running generally south and east from the Arrowhead Substation to the Minnesota-Wisconsin border, which connects to ATC’s transmission system in Wisconsin. The figure below is from MP’s Application in this proceeding (Figure 2-1). ATC added the red and blue labels in the lower right area of the figure to clarify the location of ATC’s 345/230-kV Arrowhead Substation (in red) and the Applicant’s 230/115-kV Arrowhead Substation (in blue).

**Figure 2-1 – HVDC Modernization Project Route**



4. The ownership, operation, maintenance, and interconnection of ATC's 345/230-kV Arrowhead Substation and the Applicant's 230/115-kV Arrowhead Substation is governed by an ownership and cost sharing agreement and transmission interconnection agreement that ATC and the Applicant executed in 2008. Both ATC and MP have transferred functional control of these substations to MISO.<sup>3</sup>

5. In these proceedings, the Applicant is seeking a certificate of need and route permit to construct, modernize, and upgrade the high-voltage direct current ("HVDC") terminals associated with its 465-mile long Square Butte HVDC transmission line.<sup>4</sup> The Applicant states that this project would involve (among other things) the construction of (1) a new St. Louis County 345-kV Substation, less than one mile west of ATC's 345-kV Arrowhead Substation, and (2) two new, parallel 230-kV large high-voltage transmission lines of less than one mile in length, which would connect the new St. Louis County Substation and MP's 230/115-kV Arrowhead Substation.<sup>5</sup>

6. Given this project scope, ATC has a substantial interest in the outcome of these proceedings that cannot be adequately represented by any other party and otherwise satisfies the criteria for intervention under Minn. R. 1400.6200, 1405.0900, and 7829.0800.

7. *First*, ATC is specifically considered or declared by statute to be interested in this proceeding.<sup>6</sup> As noted above, ATC is a utility that owns or operates high-voltage transmission lines in the state of Minnesota (i.e., it is a Minnesota Transmission Owner) and was organized

---

<sup>3</sup> See *Transferred Transmission Facilities*, MISO (last accessed Aug. 7, 2023), available at <https://tinyurl.com/4hheknjv> (reference "ALLETE\_MP\_SWLPC Transferred Facilities 2022.xlsx" and "American Transmission Company Transferred Facilities 2022.xlsx").

<sup>4</sup> See *Certificate of Need & Route Permit Application for the HVDC Modernization Project – Minnesota Power*, Docket Nos. E015/TL-22-611 & E015/CN-22-607, at 2–3 (Jun. 2023) (Doc. ID 20236-196333-03), available at <https://tinyurl.com/pmpywspf>.

<sup>5</sup> *Id.*

<sup>6</sup> See Minn. R. 1400.6200, Subp. 1; Minn. R. 1405.0900, Subp. 1; Minn. R. 7829.0800, Subp. 2.

pursuant to Wisconsin law with the sole purpose of planning, constructing, operating, maintaining, and expanding the high-voltage transmission system to provide adequate and reliable transmission service that meets the needs of all users. The transmission facilities that ATC owns and operates to serve this purpose could be impacted by the outcome of these proceedings. Accordingly, it is appropriate for ATC to intervene as a party, given its statutorily defined objectives and the impact this proceeding could have on its facilities.

8. *Second*, the outcome of these proceedings could directly affect ATC and its legal rights, duties and privileges.<sup>7</sup> As part of the HVDC modernization project, the Applicant is proposing to construct a new 345/230-kV St. Louis County Substation adjacent to ATC's 345/230-kV Arrowhead Substation and to connect the new St. Louis County Substation with MP's 230/115-kV Arrowhead Substation. Pursuant to several agreements that ATC has entered into with the Applicant, ATC has certain obligations regarding owning, operating, and/or maintaining certain equipment and facilities within both Arrowhead Substations. ATC's intervention in these proceedings is therefore appropriate, since these equipment and facilities and ATC's obligations under those agreements could be impacted by the Applicant's proposed project.

9. *Third*, ATC's interests are not adequately represented by any other party.<sup>8</sup> As discussed above, ATC has a distinct interest in its Arrowhead 345/230 kV Substation. ATC is in the best position to present information regarding the impact of the project on its Arrowhead 345/230 kV Substation and how the Applicant may be able to utilize facilities within ATC's 345/230 kV Arrowhead Substation to support its proposed project. Given ATC's unique stake in and perspective regarding the Arrowhead 345/230 kV Substation and associated facilities, no other party can adequately represent ATC's interests in this proceeding.

---

<sup>7</sup> *Id.*

<sup>8</sup> *Id.*

10. ATC agrees to accept service by electronic means through the individuals identified

below:

Brian H. Potts  
David R. Zoppo  
Perkins Coie LLP  
33 E. Main Street, Suite 201  
Madison, WI 53703  
(608) 663-7460  
bpotts@perkinscoie.com  
dzoppo@perkinscoie.com

Trisha Smith  
Manager State Regulatory Affairs and  
Associate General Counsel  
ATC  
W324 N2000 Ridgeview Parkway Court  
Waukesha, Wisconsin 53188  
(262) 506-6145  
psmith@atcllc.com

For the reasons set forth above, ATC respectfully petitions for leave to intervene as a party in these proceedings.

Respectfully submitted this 9th day of August, 2023.

**PERKINS COIE LLP**

*/s/David R. Zoppo*

---

Brian H. Potts  
David R. Zoppo  
33 E Main St, Ste 201  
Madison, Wisconsin 53703-3095  
Tel: +1.608.663.7460  
BPotts@perkinscoie.com  
DZoppo@perkinscoie.com

*Attorneys for American Transmission Company  
LLC and ATC Management Inc.*

## **CERTIFICATE OF SERVICE**

I, David R. Zoppo, hereby certify that I have this day served a true and correct copy of the following document(s) by electronic filing, electronic mail, courier, interoffice mail, or by depositing the same enveloped with postage paid in the United States to all persons at the addresses indicated below or on the attached Service List on file with the Minnesota Public Utilities Commission in the below referenced dockets.

## **PETITION TO INTERVENE**

In the Matter of the Application of Minnesota  
Power for a Certificate of Need for the HVDC  
Modernization Project in Hermantown, Saint  
Louis County  
MPUC Docket No. E-015/CN-22-607

In the Matter of the Application of Minnesota  
Power for a Route Permit for a High Voltage  
Transmission Line for the HVDC  
Modernization Project in Hermantown, Saint  
Louis County  
MPUC Docket No. E-015/TL-22-611

Dated this 9th day of August, 2023

/s/ David R. Zoppo \_\_\_\_\_  
David R. Zoppo

First Name	Last Name	Email	Company Name	Address	Delivery Method	View Trade Secret	Service List Name
Jay	Anderson	jaya@cmpas.org	Central Minnesota Municipal Power Agency	7550 Corporate Way Suite 100 Eden Prairie, MN 55344	Electronic Service	No	OFF_SL_22-607_Official
Sarah	Beimers	sarah.beimers@state.mn.us	Department of Administration - State Historic Preservation Office	50 Sherburne Avenue Suite 203 St. Paul, MN 55155	Electronic Service	No	OFF_SL_22-607_Official
David	Bell	david.bell@state.mn.us	Department of Health	POB 64975 St. Paul, MN 55164	Electronic Service	No	OFF_SL_22-607_Official
James J.	Bertrand	james.bertrand@stinson.com	STINSON LLP	50 S 6th St Ste 2600 Minneapolis, MN 55402	Electronic Service	No	OFF_SL_22-607_Official
Michelle F.	Bissonnette	michelle.bissonnette@hdrinc.com	HDR Engineering, Inc.	Golden Hills Office Center 701 Xenia Ave S Ste 600 Minneapolis, MN 55416	Electronic Service	No	OFF_SL_22-607_Official
B. Andrew	Brown	brown.andrew@dorsey.com	Dorsey & Whitney LLP	Suite 1500 50 South Sixth Street Minneapolis, MN 554021498	Electronic Service	No	OFF_SL_22-607_Official
Christina	Brusven	cbrusven@fredlaw.com	Fredrikson Byron	60 S 6th St Ste 1500 Minneapolis, MN 55402-4400	Electronic Service	No	OFF_SL_22-607_Official
PUC	CAO	consumer.puc@state.mn.us	Public Utilities Commission	Consumer Affairs Office 121 7th Place E Suite 350 St. Paul, MN 55101	Electronic Service	No	OFF_SL_22-607_Official
Generic Notice	Commerce Attorneys	commerce.attorneys@ag.state.mn.us	Office of the Attorney General-DOC	445 Minnesota Street Suite 1400 St. Paul, MN 55101	Electronic Service	Yes	OFF_SL_22-607_Official
Bill	Cook	bcook@rpu.org	Rochester Public Utilities	4000 East River Road NE Rochester, MN 55906	Electronic Service	No	OFF_SL_22-607_Official

First Name	Last Name	Email	Company Name	Address	Delivery Method	View Trade Secret	Service List Name
John	Crane	johncranefishing@gmail.com	Fishing	1250 Wee Gwaus DR SW Bernidji, MN 56601	Electronic Service	No	OFF_SL_22-607_Official
George	Crocker	gwilic@havo.org	North American Water Office	5093 Keats Avenue Lake Elmo, MN 55042	Electronic Service	No	OFF_SL_22-607_Official
Thomas	Davis	atdavis1972@outlook.com	-	1161 50th Ave Sherburn, MN 56171	Electronic Service	No	OFF_SL_22-607_Official
Randall	Doneen	randall.doneen@state.mn.us	Department of Natural Resources	500 Lafayette Rd, PO Box 25 Saint Paul, MN 55155	Electronic Service	No	OFF_SL_22-607_Official
John	Drawz	jdrazw@fredlaw.com	Fredrikson & Byron, P.A.	Suite 1500 60 South Sixth Street Minneapolis, MN 55402-4400	Electronic Service	No	OFF_SL_22-607_Official
Adam	Duininck	aduininck@hcsrcc.org	North Central States Regional Council of Carpenters	700 Olive Street St. Paul, MN 55130	Electronic Service	No	OFF_SL_22-607_Official
Cory	Dutcher	cory.dutcher@ge.com	GE Power and Water	1 River Rd. Bldg. 37-413 Schenectady, NY 12345	Electronic Service	No	OFF_SL_22-607_Official
Kristen	Eide Tollefson	healingsystems69@gmail.com	R-CURE	28477 N Lake Ave Frontenac, MN 55026-1044	Electronic Service	No	OFF_SL_22-607_Official
Kate	Fairman	kate.franz@state.mn.us	Department of Natural Resources	Box 32 500 Lafayette Rd St. Paul, MN 551554032	Electronic Service	No	OFF_SL_22-607_Official



First Name	Last Name	Email	Company Name	Address	Delivery Method	View Trade Secret	Service List Name
Annie	Felix Gerth	annie.felix-gerth@state.mn.us		Board of Water & Soil Resources 520 Lafayette Rd Saint Paul, MN 55155	Electronic Service	No	OFF_SL_22-607_Official
Sharon	Ferguson	sharon.ferguson@state.mn.us	Department of Commerce	85 7th Place E Ste 280 Saint Paul, MN 551012198	Electronic Service	No	OFF_SL_22-607_Official
Lucas	Franco	lfranco@liunagroc.com	LIUNA	81 Little Canada Rd E Little Canada, MN 55117	Electronic Service	No	OFF_SL_22-607_Official
Karen A	Gebhardt	kageb1@gvtel.com		43901 253rd Ave Leonard, MN 56652-4026	Electronic Service	No	OFF_SL_22-607_Official
Todd	Green	Todd.A.Green@state.mn.us	Minnesota Department of Labor & Industry	443 Lafayette Rd N St. Paul, MN 55155-4341	Electronic Service	No	OFF_SL_22-607_Official
Valerie	Herring	vherring@taftlaw.com	Taft Stettinius & Hollister LLP	2200 IDS Center 80 S. Eighth Street Minneapolis, MN 55402	Electronic Service	No	OFF_SL_22-607_Official
Kari	Howe	kari.howe@state.mn.us	DEED	332 Minnesota St. #E200 1ST National Bank Bldg St. Paul, MN 55101	Electronic Service	No	OFF_SL_22-607_Official
Scott	Johnson	Scott.Johnson@ci.medina.mn.us	City of Medina	2052 County Road 24 Medina, MN 55340-9790	Electronic Service	No	OFF_SL_22-607_Official
Tom	Karas	tomskaras@gmail.com		3171 309th Ave NW Cambridge, MN 55008	Electronic Service	No	OFF_SL_22-607_Official
Bruce	King	Brenda@ranww.org	Realtors, Association of Northwestern WI	Suite 3 1903 Keith Street Eau Claire, WI 54701	Electronic Service	No	OFF_SL_22-607_Official

First Name	Last Name	Email	Company Name	Address	Delivery Method	View Trade Secret	Service List Name
Chad	Konickson	chad.konickson@usace.army.mil	U.S.Army Corps of Engineers	180 5th St # 700 Saint Paul, MN 55101	Electronic Service	No	OFF_SL_22-607_Official
Stacy	Kotch Egstad	Stacy.Kotch@state.mn.us	MINNESOTA DEPARTMENT OF TRANSPORTATION	395 John Ireland Blvd. St. Paul, MN 55155	Electronic Service	No	OFF_SL_22-607_Official
Peter E.	Madsen	pmadsen@taflaw.com	Taft Stettinius & Hollister LLP	2200 IDS Center 80 South 8th Street Minneapolis, MN 55402	Electronic Service	No	OFF_SL_22-607_Official
Dawn S	Marsh	dawn_marshall@fws.gov	U.S. Fish & Wildlife Service	Minnesota-Wisconsin Field Offices 4101 American Blvd E Bloomington, MN 55425	Electronic Service	No	OFF_SL_22-607_Official
Dan	McCourtney	dmccourtney@mnpower.com	Minnesota Power	30 West Superior St Duluth, MN 55802	Electronic Service	No	OFF_SL_22-607_Official
David	Moeller	dmoeller@allele.com	Minnesota Power	30 W Superior St Duluth, MN 558022093	Electronic Service	No	OFF_SL_22-607_Official
Andrew	Moratka	andrew.moratka@stoel.com	Stoel Rives LLP	33 South Sixth St Ste 4200 Minneapolis, MN 55402	Electronic Service	No	OFF_SL_22-607_Official
Colleen	Mueller	N/A		22186 State Hwy 4 Paynesville, MN 56362	Paper Service	No	OFF_SL_22-607_Official
Dan	Nelson	Dan.Nelson@ISGinc.com	I&S Group	115 E Hickory St Ste 300 Mankato, MN 56001	Electronic Service	No	OFF_SL_22-607_Official
Carol A.	Overland	overland@legalelectric.org	Legalelectric - Overland Law Office	1110 West Avenue Red Wing, MN 55066	Electronic Service	No	OFF_SL_22-607_Official

First Name	Last Name	Email	Company Name	Address	Delivery Method	View Trade Secret	Service List Name
Kevin	Peterson	kjp@ibew160.org	IBEW Local 160	1109 Northway Lane NE Rochester, MN 55906	Electronic Service	No	OFF_SL_22-607_Official
Angela	Piner	angela.piner@hdrinc.com	HDR, Inc.	Suite 600 701 Xenia Avenue South Suite 600 Minneapolis, MN 55416	Electronic Service	No	OFF_SL_22-607_Official
Larry	Rabman	larryemls@hotmail.com	EMLS, Inc	PO Box 122 Appleton, MN 56208	Electronic Service	No	OFF_SL_22-607_Official
Generic Notice	Residential Utilities Division	residential.utilities@ag.state.mn.us	Office of the Attorney General-RUD	1400 BRM Tower 445 Minnesota St St. Paul, MN 551012131	Electronic Service	Yes	OFF_SL_22-607_Official
Margaret	Rheude	Margaret_Rheude@fws.gov	U.S. Fish and Wildlife Service	Twin Cities Ecological Services Field Office 4101 American Blvd. E. Bloomington, MN 55425	Electronic Service	No	OFF_SL_22-607_Official
Stephan	Roos	stephan.roos@state.mn.us	MN Department of Agriculture	625 Robert St N Saint Paul, MN 55155-2538	Electronic Service	No	OFF_SL_22-607_Official
Nathaniel	Runke	nrunke@local49.org		611 28th St. NW Rochester, MN 55901	Electronic Service	No	OFF_SL_22-607_Official
Christine	Schwartz	Regulatory.records@xcelenergy.com	Xcel Energy	414 Nicollet Mall FL 7 Minneapolis, MN 554011993	Electronic Service	No	OFF_SL_22-607_Official
Will	Seuffert	Will.Seuffert@state.mn.us	Public Utilities Commission	121 7th Pl E Ste 350 Saint Paul, MN 55101	Electronic Service	Yes	OFF_SL_22-607_Official

First Name	Last Name	Email	Company Name	Address	Delivery Method	View Trade Secret	Service List Name
Tom	Slukich	tom@nationalconductor.com	National Conductor Constructors	1819 Hwy 371 North Brainerd, MN 56401	Electronic Service	No	OFF_SL_22-607_Official
Adam	Sokolski	adam.sokolski@edf-re.com	EDF Renewable Energy	10 Second Street NE Ste 400 Minneapolis, MN 55410	Electronic Service	No	OFF_SL_22-607_Official
Mark	Strohfus	mstrohfus@greenergy.com	Great River Energy	12300 Elm Creek Boulevard Maple Grove, MN 553694718	Electronic Service	No	OFF_SL_22-607_Official
Carl	Strohm	cjsmg@sbcglobal.net	SBC Global	105 East Edgewood Ave Indianapolis, IN 46227	Electronic Service	No	OFF_SL_22-607_Official
Tom	Swafford	tswafford@umsi.us	Utility Mapping Services, Inc	3947 E Calvary Rd Suite 103 Duluth, MN 55803	Electronic Service	No	OFF_SL_22-607_Official
Eric	Swanson	eswanson@winthrop.com	Winthrop & Weinstine	225 S 6th St Ste 3500 Capella Tower Minneapolis, MN 554024629	Electronic Service	No	OFF_SL_22-607_Official
Todd	Tadych	ttadych@atcllc.com	American Transmission Company LLC	5303 Fen Oak Dr Madison, WI 53718	Electronic Service	No	OFF_SL_22-607_Official
Jayne	Trusty	execdir@swrdc.org	SWRDC	2401 Broadway Ave #1 Slayton, MN 56172	Electronic Service	No	OFF_SL_22-607_Official
Jen	Tyler	tyler.jennifer@epa.gov	US Environmental Protection Agency	Environmental Planning & Evaluation Unit 77 W Jackson Blvd. Mailstop B-19J Chicago, IL 60604-3590	Electronic Service	No	OFF_SL_22-607_Official

First Name	Last Name	Email	Company Name	Address	Delivery Method	View Trade Secret	Service List Name
Kodi	Verhalen	kverhalen@taftlaw.com	Taft Stettinius & Hollister LLP	80 S 8th St Ste 2200 Minneapolis, MN 55402	Electronic Service	No	OFF_SL_22-607_Official
Cynthia	Warzecha	cynthia.warzecha@state.mn.us	Minnesota Department of Natural Resources	500 Lafayette Road Box 25 St. Paul, Minnesota 55155-4040	Electronic Service	No	OFF_SL_22-607_Official
Elizabeth	Wefel	ewefel@flaherty-hood.com	Flaherty & Hood, P.A.	525 Park St Ste 470 Saint Paul, MN 55103	Electronic Service	No	OFF_SL_22-607_Official
Alan	Whipple	sa.property@state.mn.us	Minnesota Department Of Revenue	Property Tax Division 600 N. Robert Street St. Paul, MN 551463340	Electronic Service	No	OFF_SL_22-607_Official
Deanna	White	mncwa@cleanwater.org	Clean Water Action & Water Fund of MN	330 S 2nd Ave Ste 420 Minneapolis, MN 55401	Electronic Service	No	OFF_SL_22-607_Official
Rachel	Wiedewitsch	wiedewitsch@fresh-energy.org	Fresh Energy	408 St Peter St #350 St. Paul, MN 55102	Electronic Service	No	OFF_SL_22-607_Official
Jonathan	Wolfgram	Jonathan.Wolfgram@state.mn.us	Office of Pipeline Safety	445 Minnesota St Ste 147 Woodbury, MN 55125	Electronic Service	No	OFF_SL_22-607_Official

First Name	Last Name	Email	Company Name	Address	Delivery Method	View Trade Secret	Service List Name
Generic Notice	Commerce Attorneys	commerce.attorneys@ag.state.mn.us	Office of the Attorney General-DOC	445 Minnesota Street Suite 1400 St. Paul, MN 55101	Electronic Service	Yes	OFF_SL_22-611_Official
Adam	Duininck	aduininck@hcsccc.org	North Central States Regional Council of Carpenters	700 Olive Street St. Paul, MN 55130	Electronic Service	No	OFF_SL_22-611_Official
Sharon	Ferguson	sharon.ferguson@state.mn.us	Department of Commerce	85 7th Place E Ste 280 Saint Paul, MN 55101	Electronic Service	No	OFF_SL_22-611_Official
Lucas	Franco	lfranco@liunagroc.com	LIUNA	81 Little Canada Rd E Little Canada, MN 55117	Electronic Service	No	OFF_SL_22-611_Official
Dan	McCourtney	dmccourtney@mnpower.com	Minnesota Power	30 West Superior St Duluth, MN 55802	Electronic Service	No	OFF_SL_22-611_Official
Andrew	Moratzka	andrew.moratzka@stoel.com	Stoel Rives LLP	33 South Sixth St Ste 4200 Minneapolis, MN 55402	Electronic Service	No	OFF_SL_22-611_Official
Generic Notice	Residential Utilities Division	residential.utilities@ag.state.mn.us	Office of the Attorney General-RUD	1400 BRM Tower 445 Minnesota St St. Paul, MN 55101	Electronic Service	Yes	OFF_SL_22-611_Official
Nathaniel	Runke	nrunke@local49.org		611 28th St. NW Rochester, MN 55901	Electronic Service	No	OFF_SL_22-611_Official
Will	Seuffert	Will.Seuffert@state.mn.us	Public Utilities Commission	121 7th Pl E Ste 350 Saint Paul, MN 55101	Electronic Service	Yes	OFF_SL_22-611_Official