



GREAT RIVER
ENERGY®

A Touchstone Energy® Cooperative

12300 Elm Creek Boulevard • Maple Grove, Minnesota 55369-4718 • 763-445-5000 • 763-445-5050

April 20, 2015

Mr. Daniel P. Wolf
Executive Secretary
Minnesota Public Utilities Commission
121 7th Place East, Suite 350
St. Paul, MN 55101

RE: Mantrap 115 kV Transmission Line Upgrade

Dear Mr. Wolf:

In accordance with the Power Plant Siting Act, Minn. Stat. § 216E.05, subd. 3, this letter, filed via eFiling, serves as the required notice to the Minnesota Public Utilities Commission (Commission) that Great River Energy has elected to seek local approval to rebuild approximately 6.5 miles of existing 34.5 kilovolt (kV) line to 115 kV between Great River Energy's Long Lake Substation and Itasca-Mantrap Co-op Electrical Association's Mantrap Substation in Hubbard County, Minnesota.

The proposed Project will strengthen the northern Park Rapids electric transmission system, avoid future low voltage issues and improve the reliability of the area's power supply.

The proposed single circuit 115 kV transmission line will be located in the City of Park Rapids, Emma Township and Henrietta Township, in Sections 30, 19, 18, 7, 6 and 5, T140N, R34W and Sections 32, 29 and 28, T141N, R34W, in Hubbard County. A project description/site map is enclosed for your information.

On March 12, 2015, the Henrietta Township Board of Commissioners carried the motion to be the permitting authority for the Great River Energy Transmission Line Project and coordinate an environmental assessment. Great River Energy intends to permit the entire project through Henrietta Township.

A Conditional Use Permit application will be submitted to Henrietta Township in late April or May 2015. The township has been informed that it has 60 days after the application submittal to refer the permitting process to the Commission.

Mr. Daniel P. Wolf
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Questions regarding this project should be directed to Deborah Anderson, Township Clerk, Henrietta Township at (218) 732 - 4395; or Michelle Lommel of Great River Energy at (763) 445-5977; or me at (763) 445-5215. Thank you for your attention to this matter.

Sincerely,

GREAT RIVER ENERGY

A handwritten signature in cursive script that reads "Marsha Parlow".

Marsha Parlow
Transmission Permitting Analyst

Enclosure

cc: Affidavit of service on: General List of Interested Persons – w/encl.
Deborah Anderson, Township Clerk, Henrietta Township – w/encl.
Michelle Lommel, Great River Energy - w/encl.

Long Lake to Mantrap 115 kV Transmission Line Upgrade



GREAT RIVER ENERGY
 12300 Elm Creek Blvd
 Maple Grove, MN 55369-4718
 1-888-521-0130
www.greatriverenergy.com



ITASCA-MANTRAP COOPERATIVE ELECTRICAL ASSOCIATION
 16930 County Highway 6
 P.O. Box 192
 Park Rapids, MN 56470-0192
 1-888-713-3377
www.itsasca-mantrap.com

Project Description/Need

Great River Energy, wholesale electric supplier to Itasca-Mantrap Co-op Electrical Association (I-M), is proposing to upgrade an existing 34.5 kilovolt (kV) transmission line between Great River Energy's Long Lake Substation and I-M's Mantrap Substation with a new 115 kV and 115/34.5 kV transmission line (see map on back). The existing 34.5 kV Mantrap Substation will be converted to 115 kV. This upgrade would:

- Strengthen the electric transmission system north of Park Rapids, as the existing 34.5 kV system serving the area is becoming outdated and reaching its maximum capacity, and
- Avoid future low voltage issues and improve the reliability of the area's power supply.

Proposed Project

This project will include:

- Conducting 0.50 miles of Great River Energy's existing "IM-BL" 34.5 kV line, already built to double-circuit standard with a new 115 kV circuit (see top photo, right);
- Overtaking 1.25 miles of Minnesota Power's existing 34.5/19.9 kV line and rebuilding it to 115 kV with 34.5 kV underbuild and placing the 19.9 kV circuit underground (see center photo, right);
- Replacing Great River Energy's 4.75 mile long existing 34.5 kV "PM" line with the new 115 kV line (see bottom photo, right); and
- I-M will replace the existing 34.5 kV equipment at the Mantrap Substation with new 115 kV rated equipment.

The new 115 kV transmission line will primarily be single wood poles ranging 60-80 feet in height. Spacing between poles will range from 300 to 350 feet for the double-circuit and 115/34.5 kV underbuild sections, and 325 to 400 feet for the single-circuit section. The new transmission centerline may be offset from the existing line and crossing locations changed for design and construction purposes.

Permitting

The project will be permitted through a local alternative process, with Henrietta Township taking the lead in the preparation of the Environmental Assessment (EA) and grant of the permit for the project. The public and regulatory agencies will have numerous opportunities to provide input on the proposed project. Construction of the project cannot begin until permit approval is obtained.

Easements/Trees

Once the project has been approved, Great River Energy will contact landowners to present an easement and offer of compensation. At this time, information will be shared on tree removal, construction access and practices, and restoration of the right-of-way (ROW). Although the new line is proposed to be located on existing cleared ROW, it will be necessary to widen the ROW in most areas for the safe operation and maintenance of the 115 kV line.

Project Schedule

Public contacts and/or notifications -----	Early 2015
Project permitting -----	Spring 2015 to Summer 2015
Survey/design -----	Summer 2015
Easement acquisition/right-of-way permits -----	Fall 2015 to early 2016
Transmission line construction -----	Starts early 2016
Energization -----	Fall 2016

For project updates and information, visit greatriverenergy.com/mantrap or contact:

Michelle Lommel
 Sr. Field Representative
 Great River Energy – Land Rights Department
 (763) 445-5977 or 1-888-521-0130
mlommel@grenergy.com

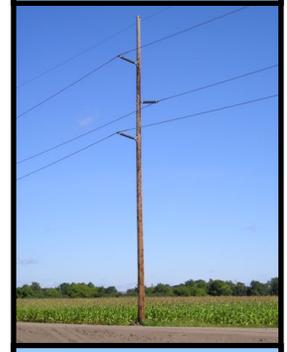
Tony Nelson
 Engineering & Operations Manager
 Itasca-Mantrap Co-op
 Electrical Association
 (218) 732-0695
tnelson@itasca-mantrap.com



*Double-circuit
 115 kV structure with
 distribution underbuild*

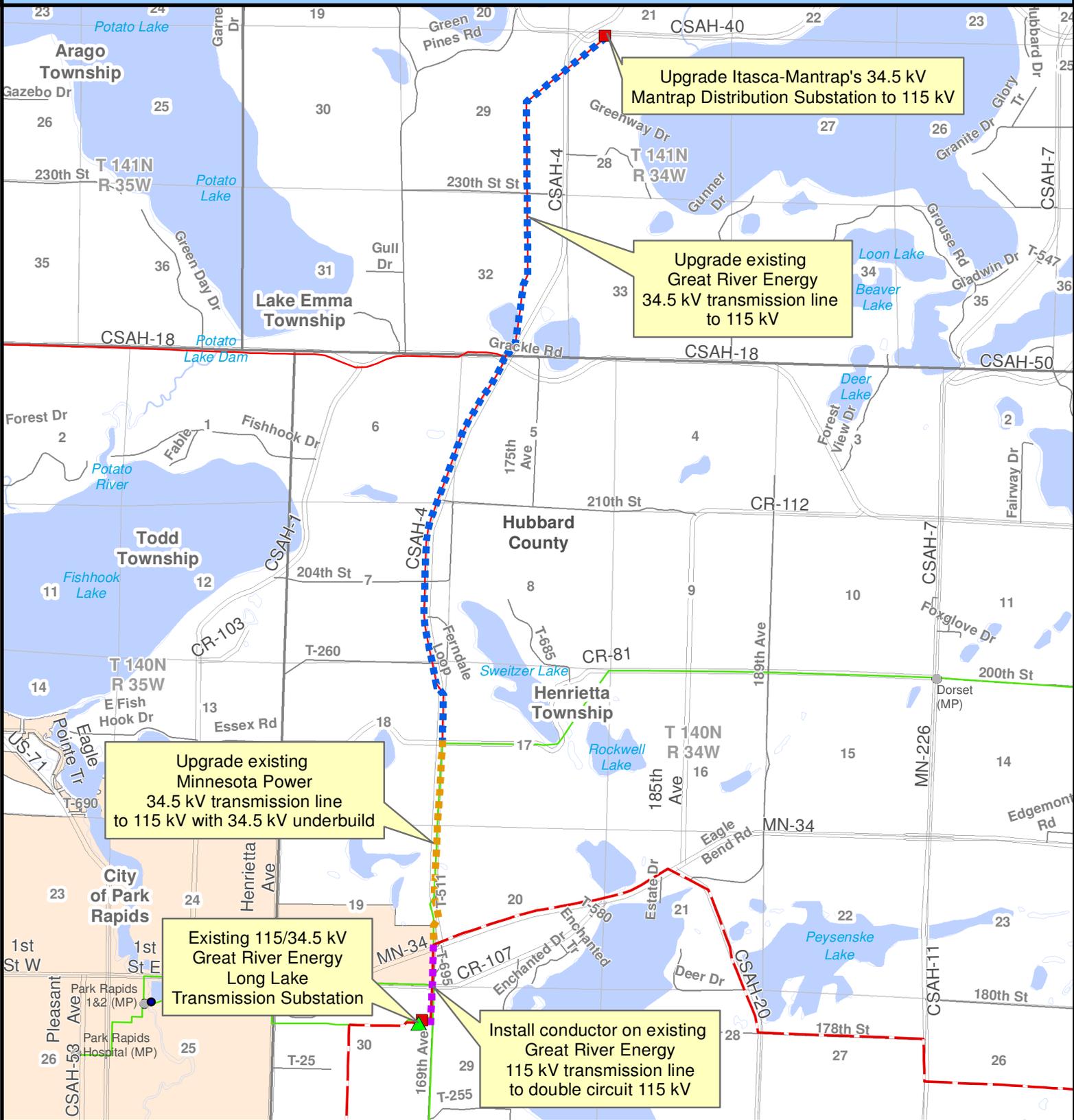


*Single-circuit
 115 kV structure with
 34.5 kV underbuild*



*Single-circuit
 115 kV structure*

Project Map



Great River Energy

- Upgrade existing Great River Energy 34.5 kV line to 115 kV
- Upgrade existing Minnesota Power 34.5 kV line to 115 kV with 34.5 kV underbuild
- Upgrade existing Great River Energy 115 kV Line to double circuit 115 kV
- Existing 34.5 kV Transmission Line
- Existing 115 kV Transmission Line
- ▲ Existing Transmission Substation

Itasca-Mantrap Cooperative Electrical Association

- Existing Distribution Substation
- Existing 34.5 kV Transmission Line
- Existing Distribution Substation



Special Service List: General List 7850.2100-1A

4-20-15

First Name	Last Name	Email	Company Name	Address	Delivery Method	View Trade Secret
James J.	Bertrand	james.bertrand@leonard.com	Leonard Street & Deinard	150 South Fifth Street, Suite 2300 Minneapolis, MN 55402	Electronic Service	No
Josh	Bird	joshua.bird@ge.com	GE Power and Water	2025 49th Ave N Minneapolis, MN 55430	Electronic Service	No
David	Birkholz	david.birkholz@state.mn.us	MN Department of Commerce	Suite 500 85 7th Place East St. Paul, MN 55102198	Electronic Service	No
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
B. Andrew	Brown	brown.andrew@dorsey.com	Dorsey & Whitney LLP	Suite 1500 50 South Sixth Street Minneapolis, MN 554021498	Electronic Service	No
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
Bill	Cook	bcook@rpu.org	Rochester Public Utilities	4000 East River Road NE Rochester, MN 55906	Electronic Service	No
John	Crane	johncranefishing@gmail.com	Fishing	1250 Wee Gwaus DR SW Bemidji, MN 56601	Electronic Service	No
George	Crocker	gwillc@nawo.org	North American Water Office	PO Box 174 Lake Elmo, MN 55042	Electronic Service	No
Thomas	Davis	N/A	-	1161 50th Ave Sherburn, MI 56171	Paper Service	No
Patricia	DeBleeckere	tricia.debleeckere@state.mn.us	Public Utilities Commission	Suite 350 121 Seventh Place East St. Paul, MN 55101	Electronic Service	No
John E.	Drawz	jdrawz@fredlaw.com	Fredrikson & Byron, P.A.	Suite 4000 200 South Sixth Street Minneapolis, MN 554021425	Electronic Service	No
Kristen	Eide Tollefson	HealingSystems@earthlink.net	R-CURE	28477 N Lake Ave	Paper Service	No

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First Name	Last Name	Email	Company Name	Address	Delivery Method	View Trade Secret
				Frontenac, MN 55026-1044		
Scott	Ek	scott.ek@state.mn.us	Public Utilities Commission	121 7th Place East Suite 350 St. Paul, MN 55101	Electronic Service	No
Annette	Fiedler	phydev@swrdc.org	Southwest Regional Development Comm.	2401 Broadway Ave Ste 1 Slayton, MN 56172	Electronic Service	No
Karen A	Gebhardt	kageb1@gvtel.com		43901 253rd Ave Leonard, MN 56652-4026	Electronic Service	No
Larry	Hartman	Larry.Hartman@state.mn.us	Department of Commerce	85 7th Place East, Suite 500 St. Paul, MN 55101	Electronic Service	No
Charles	Healy	chuckh@electrotech-inc.com	ElectroTech, Inc	7101 Madison Ave Minneapolis, MN 55427	Electronic Service	No
Bill	Heaney	billheaney@billheaney.com	IBEW Minnesota State Council	940 44th Ave NE Unite 21067 Columbia Hts, MN 55421-3099	Electronic Service	No
Valerie	Herring	vherring@briggs.com	Briggs and Morgan, P.A.	2200 IDS Center 80 S. Eighth Street Minneapolis, MN 55402	Electronic Service	No
Tiffany	Hughes	Regulatory.Records@xcelenergy.com	Xcel Energy	414 Nicollet Mall FL 7 Minneapolis, MN 554011993	Electronic Service	No
Scott	Johnson	Scott.Johnson@ci.medina.mn.us	City of Medina	2052 County Road 24 Medina, MN 55340-9790	Electronic Service	No
Michael	Kaluzniak	mike.kaluzniak@state.mn.us	Public Utilities Commission	Suite 350 121 Seventh Place East St. Paul, MN 55101	Electronic Service	No
Bruce	King	bruce@ranww.org	Realtors, Association of Northwestern WI	Suite 3 1903 Keith Street Eau Claire, WI 54701	Electronic Service	No
Stacy	Kotch	Stacy.Kotch@state.mn.us	MINNESOTA DEPARTMENT OF TRANSPORTATION	395 John Ireland Blvd. St. Paul, MN 55155	Electronic Service	No

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First Name	Last Name	Email	Company Name	Address	Delivery Method	View Trade Secret
Karen	Kromar	karen.kromar@state.mn.us	MN Pollution Control Agency	520 Lafayette Rd Saint Paul, MN 55155	Electronic Service	No
Kim	Lindquist	kim.lindquist@ci.rosemount.mn.us		2875 145th St W Rosemount, MN 55068	Electronic Service	No
Paula	Maccabee	Pmaccabee@justchangelaw.com	Just Change Law Offices	1961 Selby Ave Saint Paul, MN 55104	Electronic Service	No
Brian	Meloy	brian.meloy@stinsonleonard.com	Stinson, Leonard, Street LLP	150 S 5th St Ste 2300 Minneapolis, MN 55402	Electronic Service	No
Kevin	Mixon	kevin.mixon@state.mn.us	Department of Natural Resources	261 HWY 15 S New Ulm, MN 56073	Electronic Service	No
Andrew	Moratzka	apmoratzka@stoel.com	Stoel Rives LLP	33 South Sixth Street Suite 4200 Minneapolis, MN 55402	Electronic Service	No
Colleen	Mueller	N/A		22186 State Hwy 4 Paynesville, MN 56362	Paper Service	No
Steven	Nyhus	swnyhus@flaherty-hood.com	Flaherty & Hood PA	525 Park St Ste 470 Saint Paul, MN 55103	Electronic Service	No
Kate	O'Connell	kate.oconnell@state.mn.us	Department of Commerce	Suite 50085 Seventh Place East St. Paul, MN 551012198	Electronic Service	No
Carol A.	Overland	overland@legalelectric.org	Legalelectric - Overland Law Office	1110 West Avenue Red Wing, MN 55066	Electronic Service	No
Kevin	Peterson	kjp@ibew160.org	IBEW Local 160	1109 Northway Lane NE Rochester, MN 55906	Electronic Service	No
Deborah	Pile	Deborah.Pile@state.mn.us	Department of Commerce	Suite 50085 7th Place East St. Paul, MN 551012198	Electronic Service	No
Angela	Piner	angela.piner@hdrinc.com	HDR, Inc.	Suite 600 701 Xenia Avenue South Suite 600 Minneapolis, MN 55416	Electronic Service	No
Larry	Rebman	larryemls@hotmail.com	EMLS, Inc	PO Box 122 Appleton, MN 56208	Electronic Service	No

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First Name	Last Name	Email	Company Name	Address	Delivery Method	View Trade Secret
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
Jamie	Schrenzel	jamie.schrenzel@state.mn.us	Minnesota Department of Natural Resources	500 Lafayette Road Saint Paul, MN 55155	Electronic Service	No
Rod	Schumacher	rod.schumacher@is-grp.com	I&S Group	115 E Hickry St Suite 300 Mankato, MN 56001	Electronic Service	No
David	Shaffer	david.shaffer@startribune.com		425 Portland Minneapolis, MN 55488	Electronic Service	No
Tom	Slukich	tom@nationalconductor.com	National Conductor Constructors	18119 Hwy 371 North Braiderd, MN 56401	Electronic Service	No
Tracy	Smetana	tracy.smetana@state.mn.us	Public Utilities Commission	121 7th Place East Suite 350 St. Paul, MN 55101	Electronic Service	No
Adam	Sokolski	adam.sokolski@iberdrolaren.com	Iberdrola Renewables	701 fourth Avenue South Suite 1010 Minneapolis, MN 55415	Electronic Service	No
Mike	Steckelberg	msteckelberg@greenergy.com	Great River Energy	12300 Elm Creek Boulevard Maple Grove, MN 553694718	Electronic Service	No
Matt	Steinrueck	msteinrueck@cleanwater.org	Clean Water Action	330 Second Ave S Suite 420 Minneapolis, MN 55401	Electronic Service	No
Mark	Strohfus	mstrohfus@greenergy.com	Great River Energy	12300 Elm Creek Boulevard Maple Grove, MN 553694718	Electronic Service	No
Carl	Strohm	cjsmg@sbcglobal.net	SBC Global	105 East Edgewood Ave Indianapolis, IN 46227	Electronic Service	No
Tom	Swafford	tswafford@umsi.us	Utility Mapping Services, Inc	3947 E Calvary Rd Suite 103 Duluth, MN	Electronic Service	No

First Name	Last Name	Email	Company Name	Address	Delivery Method	View Trade Secret
				55803		
Eric	Swanson	eswanson@winthrop.com	Winthrop Weinstine	225 S 6th St Ste 3500 Capella Tower Minneapolis, MN 554024629	Electronic Service	No
Todd	Tadych	ttadych@atllc.com	American Transmission Company LLC	5303 Fen Oak Dr Madison, WI 53718	Electronic Service	No
Steve	Thompson	stevet@cmmpa.org	Central Minnesota Municipal Power Agency	459 S Grove St Blue Earth, MN 56013-2629	Electronic Service	No
Caren	Warner	caren.warner@state.mn.us	Department of Commerce	85 7th Place East Suite 500 St. Paul, MN 55101-2198	Electronic Service	No
Brian	Zelenak	brian.r.zelenak@xcelenergy.com	Xcel Energy	414 Nicollet Mall FL 7 Minneapolis, MN 55401-1993	Electronic Service	No
Hans	van Lingen	hans.vanlingen@enel.com	Enel Green Power North America	1 Tech Drive Suite 220 Andover, MA 01810	Electronic Service	No

AFFIDAVIT OF MAILING

STATE OF MINNESOTA)
) ss. RE: Notice of Intent by Great River Energy to
COUNTY OF HENNEPIN) seek local approval of the Mantrap 115kV
) Transmission Upgrade Project in Hubbard
) County

MPUC Docket No. _____

I, Rachel Maki, hereby certify that on the 20th day of April 2015, I directed to be sent via U.S. Mail a true and correct copy of the following notice to all persons on the attached mailing list (those on the Special Service List – General List 7850.2100-1A requesting paper service), by depositing same, postage prepaid mail, in the United States mail:

Notice by Great River Energy of Election to Seek Local Approval of the Mantrap 115 kV Transmission Upgrade Project in Hubbard County, Minnesota

Rachel Maki

Subscribed and sworn to before me this
20th day of April 2015.

Victoria Ely
NOTARY PUBLIC



VICTORIA ELLY
NOTARY PUBLIC
MINNESOTA
My Commission Expires Jan. 27, 2020

Thomas Davis
1161 50th Ave
Sherburn, MI 56171

Colleen Mueller
22186 State Hwy 4
Paynesville, MN 56362

Kristen Eide Tollefson
R-CURE
28477 N Lake Ave
Frontenac, MN 55026-1044