

Certificate of Service

I hereby certify that I, on behalf of Northern States Power Company - Wisconsin (d/b/a Xcel Energy), have this day served by First Class Mail the foregoing documents in electronic format upon each person designated on the attached distribution list.

Dated this 30th day of December 2019.

Darrin M Johnson

Darrin M. Johnson
Mead & Hunt, Inc.

Saxon Falls Hydroelectric Project Licensing
FERC Project No. 2610

Superior Falls Hydroelectric Project Licensing
FERC Project No. 2587

Notice of Intent to Relicense
Request to Use the Traditional Licensing Process
Pre-Application Document
Distribution List

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**NOTICE OF INTENT
BEFORE THE FEDERAL ENERGY REGULATORY COMMISSION
TO FILE AN APPLICATION
FOR SUBSEQUENT LICENSE
SAXON FALLS HYDROELECTRIC PROJECT
FERC PROJECT NO. 2610
Northern States Power Company – Wisconsin (d/b/a Xcel Energy)**

In accordance with 18 C.F.R. Section 5.5, Northern States Power Company – Wisconsin, d/b/a Xcel Energy (“NSPW”), hereby declares its intent to file an application for a subsequent license for an existing minor hydroelectric development at the Saxon Falls Hydroelectric Project as described below.

Information Required Pursuant to 18 C.F.R. §§ 5.5 and 16.6(b)

1. Potential License Applicant’s Name and Address

The licensee’s name and address are:

Northern States Power Company – Wisconsin
Attn: James Zyduck
Director of Hydro Plants
1414 W Hamilton Ave
PO Box 8
Eau Claire, WI 54702
James.Zyduck@XcelEnergy.com

2. Project Number

The FERC project number is 2610.

3. License Expiration Date

The license expiration date is December 31, 2024.

4. Statement of Intent

Northern States Power Company - Wisconsin (d/b/a Xcel Energy), unequivocally intends to file an application for a subsequent license for the Saxon Falls Hydroelectric Project (FERC No. 2610) and has requested permission to use the Commission’s Traditional Licensing Process.

5. Principal Project Works and Project Description

The principal project works consist of a 510 foot long, 40 foot high dam consisting of seven sections, a six foot inside diameter, 5/16 inch thick steel conduit that extends 1,607 feet from the dam to the surge tank, a 23.5 foot diameter by 59.5 foot high 3/8” thick surge tank, two 156 foot long by 56 inch diameter by ½ inch thick steel penstocks extending from the surge tank to the power house, 52 foot long by 30 foot wide by 16 foot high powerhouse, and a substation with a .25 mile long transmission line.

The dam consists of seven sections: 1) a right spillway abutment section with a concrete training wall and a concrete core wall that extends 20 feet into the earth fill to the right of the spillway, 2) a 126-foot

8-inch long Ambursen-type spillway section with a crest elevation of 997.0 feet National Geodetic Vertical Datum 1929 (NGVD), 3) a mass concrete ogee shaped gated spillway section with a 12-foot high by 26-foot wide steel tainter gate with a crest elevation of 984.0 feet NGVD, 4) a 12-foot wide non-overflow dam section with a crest elevation of 1004.1 feet NGVD, 5) a 20-foot wide concrete intake structure section with a concrete substructure and a masonry superstructure with a crest elevation of 1004.1 feet NGVD and 15 foot high by 20 foot wide trashracks, 6) a 57-foot wide non-overflow dam mass concrete section with a crest elevation of 1004.1 feet NGVD, and 7) a 260-foot long left earthen dam section with a crest elevation ranging from 1005.0 feet NGVD and 1007.6 feet NGVD.

The powerhouse contains two horizontal type units rated at 1,000 hp each.

The powerhouse also contains two General Electric 2300-volt, 600 rpm, 80% power factor AC generators with a nameplate capacity of 625 kW. The generators were rewound in 1957 and are now rated at 750 kW each.

6. Location of the Project

The location of the project is as follows:

States:	Wisconsin and Michigan
County:	Iron County, WI and Gogebic County, MI
Stream:	Montreal River 4.3 miles upstream of its confluence with Lake Superior
Nearby Communities:	City of Hurley, Wisconsin; City of Ironwood, Michigan; Towns of Carey, Pence, and Saxon, Wisconsin; Township of Ironwood, Michigan
Other:	Located in northeast Iron County, Wisconsin and northwest Gogebic County, Michigan; approximately 11 miles from the neighboring cities of Hurley, WI and Ironwood, Michigan; 25 miles east of the City of Ashland, Wisconsin; and approximately 132 miles northeast of the city of Eau Claire, WI.

7. Installed Plant Capacity

The plant has an installed capacity of 1.5 MW.

8. Names and Mailing Addresses

- *Every county in which any part of the project is located, and in which any Federal facility that is used or to be used by the project is located:*

County:	Iron
Contact name:	Michael Saari, County Clerk
Mailing Address:	300 Taconite Street, Hurley, WI 54534 clerk@ironcountywi.org

County:	Gogebic
Contact Name:	Gerry Pelissero, County Clerk
Mailing Address:	200 N. Moore Street Bessemer, MI 49911

- *Every city, town, or similar local political subdivision*

(A) *in which any part of the project is or is to be located and any Federal facility that is or is to be used by the project is located:*

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LeRoy Johnson (Saxon Falls Project)
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Susan Lesky (Gile Flowage)
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City of Montreal
54 Wisconsin Avenue
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(B) *that has a population of 5,000 or more people and is located within 15 miles of the existing proposed project dam:*

City of Ironwood
Karen Gullan
City Clerk
213 S. Marquette Street
Ironwood, Michigan 49938

- *Every irrigation district, drainage district, or similar special purpose political subdivision*

(A) *in which any part of the project is or is proposed to be located and any Federal facility that is or is proposed to be used by the project is located;*

Northwest Regional Planning Commission
1400 S. River St.
Spooner, WI 54801-8692

(B) that owns, operates, maintains, or uses any project facility or any Federal facility that is or is proposed to be used by the project:

None.

- *Every other political subdivision in the general area of the project or proposed project that there is reason to believe would likely be interested in, or affected by, the notification:*

None.

- *Indian tribes:*

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Mr. Gary Bahr

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Mr. Cecil E. Pavlat Sr., Cultural Repatriation Specialist

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Mr. William Quackenbush, THPO

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**NOTICE OF INTENT
BEFORE THE FEDERAL ENERGY REGULATORY COMMISSION
TO FILE AN APPLICATION
FOR NEW LICENSE
SUPERIOR FALLS HYDROELECTRIC PROJECT
FERC PROJECT NO. 2587
Northern States Power Company – Wisconsin (d/b/a Xcel Energy)**

In accordance with 18 C.F.R. Section 5.5, Northern States Power Company – Wisconsin, d/b/a Xcel Energy (“NSPW”), hereby declares its intent to file an application for a new license for an existing major hydroelectric development at the Superior Falls Hydroelectric Project as described below.

Information Required Pursuant to 18 C.F.R. §§ 5.5 and 16.6(b)

1. Potential License Applicant’s Name and Address

The licensee’s name and address are:

Northern States Power Company – Wisconsin
Attn: James Zyduck
Director of Hydro Plants
1414 W Hamilton Ave
PO Box 8
Eau Claire, WI 54702
James.Zyduck@XcelEnergy.com

2. Project Number

The FERC project number is 2587.

3. License Expiration Date

The license expiration date is December 31, 2024.

4. Statement of Intent

Northern States Power Company - Wisconsin (d/b/a Xcel Energy), unequivocally intends to file an application for a new license for the Superior Falls Hydroelectric Project (FERC No. 2587) and has requested permission to use the Commission’s Traditional Licensing Process.

5. Principal Project Works and Project Description

The principal project works consist of a 240 foot long and 29 foot high dam with five sections, a 1,697 foot long by 84-inch diameter conduit made of reinforced concrete pipe extending from the intake to the surge tank, a 28-foot diameter surge tank with a 13-foot high lower concrete section and a 28-foot high upper steel section, two 190-foot long by 54-inch diameter steel penstocks extending from the surge tank to the powerhouse, a 32-foot long by 62-foot wide powerhouse constructed with reinforced concrete, a substation, a 200 foot long 2.4 kV transmission line, and appurtenant facilities.

The dam consists of five sections: 1) a 70-foot long non-overflow/intake section with a 15-foot high by 23-foot wide intake structure with trashracks and a mechanically operated timber headgate, 2) a right tainter gate section with two 16-foot wide by 18-foot high steel tainter gates with a crest elevation of 722 feet National Geodetic Vertical Datum (NGVD) and a hydraulic hoist system, 3) a middle overflow section created by filling the Ambursen-style dam with mass concrete, extending the crest elevation of 740.2 feet, and installing two trash gates (a left sluice gate and a right vertical slide gate), 4) a left tainter gate section with an 18-foot wide by 15-foot high steel tainter gate with a crest elevation of 726.2 feet, and 5) a left overflow weir section with three 12-foot wide bays with a crest elevation of 740.2 feet.

The powerhouse contains two horizontal shaft, Francis type turbines with a rated capacity of 1250 hp at 127 feet of operating head at 600 rpm.

The powerhouse also contains two generator units with a capacity of 660 kW each. The generators were rewound in 1954 and 1957 and each now has the capacity to produce 825 kW at unity power factor.

6. Location of the Project

The location of the project is as follows:

States:	Wisconsin and Michigan
County:	Iron County, WI and Gogebic County, MI
Stream:	Montreal River (0.4 miles upstream of its confluence with Lake Superior)
Nearby Communities:	City of Hurley, Wisconsin; City of Ironwood, Michigan; Town of Saxon, Wisconsin; Township of Ironwood, Michigan
Other:	Located in northeast Iron County, Wisconsin and northwest Gogebic County, Michigan; approximately 14 miles from the neighboring cities of Hurley, WI and Ironwood, Michigan; 23 miles east of the City of Ashland, Wisconsin; and approximately 132 miles northeast of the city of Eau Claire, WI.

7. Installed Plant Capacity

The plant has an installed capacity of 1.65 MW.

8. Names and Mailing Addresses

- *Every county in which any part of the project is located, and in which any Federal facility that is used or to be used by the project is located:*

County:	Iron
Contact name:	Michael Saari, County Clerk
Mailing Address:	300 Taconite Street Hurley, WI 54534 clerk@ironcountywi.org

County:	Gogebic
Contact Name:	Gerry Pelissero, County Clerk
Mailing Address:	200 N. Moore Street Bessemer, MI 49911

- *Every city, town, or similar local political subdivision*

(A) *in which any part of the project is or is to be located and any Federal facility that is or is to be used by the project is located:*

Kathryn Brauer
Town Clerk
Town of Saxon
P.O. Box 37
Saxon, WI 54559

LeRoy Johnson
Deputy Supervisor
Charter Township of Ironwood
Ironwood, MI 49938
JohnsonIWDTownshipzoning@gmail.com

(B) *that has a population of 5,000 or more people and is located within 15 miles of the existing proposed project dam:*

City of Ironwood
Karen Gullan
City Clerk
213 S. Marquette Street
Ironwood, Michigan 49938

- *Every irrigation district, drainage district, or similar special purpose political subdivision*

(A) *in which any part of the project is or is proposed to be located and any Federal facility that is or is proposed to be used by the project is located:*

Northwest Regional Planning Commission
1400 S. River St.
Spooner, WI 54801-8692

(B) *that owns, operates, maintains, or uses any project facility or any Federal facility that is or is proposed to be used by the project:*

None.

- *Every other political subdivision in the general area of the project or proposed project that there is reason to believe would likely be interested in, or affected by, the notification:*

None.

- *Indian tribes:*

Mr. Marcus Ammesmaki, THPO
Fond du Lac Band of Lake Superior Chippewa
1720 Big Lake Road
Cloquet, MN 55720

Mr. Gary Bahr

Sac and Fox Nation of Missouri in Kansas and Nebraska
305 N. Main
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Mr. Brian Bisonette, THPO

Lac Courte Oreilles Band of Lake Superior Chippewa Indians of WI
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Mr. Michael Blackwolf, THPO

Fort Belknap Indian Community
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Harlem, MT 59526-9455

Mr. Jonathan Buffalo, NAGPRA Rep.

Sac and Fox of the Mississippi in IA
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Iowa Tribe of Oklahoma
Cultural Preservation Office
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Ms. Sandra Massey, NAGPRA Rep.
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Crandon, WI 54520

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Mr. Brian Newland, Chairman

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Mr. Cecil E. Pavlat Sr., Cultural Repatriation Specialist

Sault Ste. Marie Tribe of Chippewa Indians
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Mr. William Quackenbush, THPO

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Ms. Stacie Cutbank, THPO

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Mr. James Williams, Chairman

Lac Vieux Desert Band of Lake Superior Chippewa Indians of MI
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Watersmeet, MI 49969

Ms. Melinda Young, THPO

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