

# **Application for a New License for a Major Water Power Project Greater than 5 Megawatts**

## **Cornell Hydroelectric Project FERC Project No. 2639**

**Prepared for**



**Prepared by**



**Volume 2 of 4  
Exhibits F and G**

**Volume 2 of 4**  
**Exhibits F and G**

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**Cornell Hydroelectric Project  
FERC Project No. 2639**

**Exhibit F  
General Design Drawings of Project Works**

**Draft License Application**

**Prepared for**



**Prepared by**



**June 2021**

Exhibit F has been  
E-filed separately as  
Critical Energy Infrastructure Information



**Cornell Hydroelectric Project  
FERC Project No. 2639**

**Exhibit G  
Project Boundary Maps**

**Draft License Application**

**Prepared for**



**Prepared by**



**June 2021**

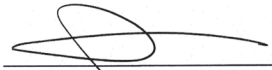
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- 1. Cornell Project Boundary Map (North Portion)**
- 2. Cornell Project Boundary Map (South Portion)**
- 3. Cornell Project Boundary Map (Course Table and Land Ownership Table)**



# SURVEYOR'S STATEMENT

I HEREBY STATE THE PROJECT BOUNDARY DELINEATION FOR THE CORNELL HYDROELECTRIC PROJECT AS SHOWN ON THIS EXHIBIT "G" MAP IS DEVELOPED WITHIN REASONABLE MAPPING ACCURACIES AS REQUIRED IN 18CFR4.1. THE DOCUMENTED CORNELL PROJECT BOUNDARY LINE WAS ADJUSTED OR ROTATED TO BEST FIT WITH GEOSPATIAL DATA OBTAINED FROM CHIPPEWA COUNTY AND WAS NOT FIELD SURVEYED.

  
JOSH NELSON  
07/28/2020  
DATE



# LICENSEE STATEMENT

I have reviewed the Cornell Hydroelectric Project boundary shown herein. The licensee either owns in fee simple or possesses flowage easements over all lands shown on this map that are inside the project boundary. The project boundary lines that are not contour lines were based on GIS parcel information provided by the Chippewa County Land Records Division and Public Land Survey System (PLSS) information provided by the Wisconsin Department of Natural Resources GIS Open Data Portal.

  
MATTHEW J. MILLER  
8-13-2020  
DATE

## Map Note:

Metes and bounds project boundary description is based on GIS information. When the project boundary description references a specific corner, that reference shall govern over bearing and distance references in case of conflict.

Unless specifically noted otherwise, section lines and 40-lines are from the Wisconsin Department of Natural Resources and lot lines, street centerlines, and contour lines are from Chippewa County GIS data. These items have not been surveyed by Mead & Hunt, Inc.

ALL PUBLIC ROADS AND ASSOCIATED RIGHTS-OF-WAYS ARE EXCLUDED FROM THE PROJECT.

**PROJECT BOUNDARY**  
(Follows shoreline boundary of numbered parcel)

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(Contour 1,002 ft NGVD 1929)

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**PROJECT BOUNDARY**  
(Section Line)

**PROJECT BOUNDARY**  
(Contour 1,002 ft NGVD 1929)

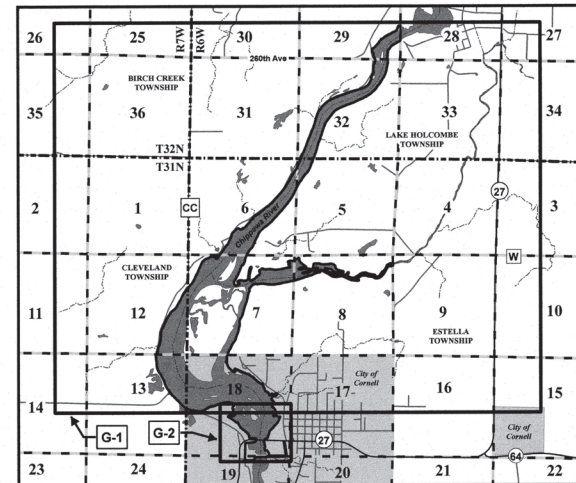
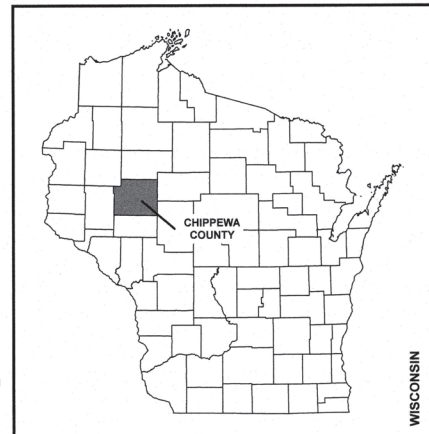
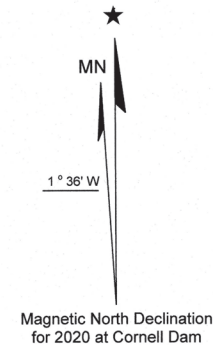
**PROJECT BOUNDARY**  
(Follows shoreline boundary of numbered parcel)

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(Follows shoreline boundary of numbered parcel)

E: 1677745.55  
N: 503276.05

E: 1659971.2  
N: 491164.58

E: 1680028.81  
N: 492720.97



## LEGEND

- |                          |                     |                 |
|--------------------------|---------------------|-----------------|
| Project Boundary         | Parcel Boundary     | Fee Simple      |
| Reference Point Location | Numbered Parcel     | River or Stream |
| Boundary Point           | Township/Range Line | Water           |
| Recreation Facility      | Section Line        | Major Road      |
| Project Structure        | Municipal Boundary  | Local Road      |

## SCALE IN FEET



Reference coordinates are in Wisconsin Stateplane  
Central Zone FIPS 4802, NAD83.  
Coordinate units are in U. S. Survey feet.  
Project boundary elevation contour is referenced to NGVD 1929.

EXHIBIT G - 1

NORTHERN STATES POWER COMPANY CORNELL, WISCONSIN

**CORNELL HYDROELECTRIC PROJECT**  
FERC PROJECT No. 2639  
CHIPPEWA RIVER  
CHIPPEWA COUNTY, WISCONSIN  
**PROJECT BOUNDARY MAP**

Mead  
& Hunt

SCALE: AS SHOWN  
DATE: JUNE 2020







PROJECT BOUNDARY COURSE TABLE

From Point	To Point	Along Segment	Length (feet)	Bearing	Segment determined by:
A	B	L01			Chippewa County Parcel Boundary (2018)
B	C	L02			Contour Elevation 1,002 feet NGVD 1929
C	D	L03			Chippewa County Parcel Boundary (2018)
D	E	L04			Contour Elevation 1,002 feet NGVD 1929
E	F	L05			Chippewa County Parcel Boundary (2018)
F	G	L06	163.49	S01° 46' 42"W	Metes and Bounds
G	H	L07	454.51	N89° 30' 17"E	Metes and Bounds
H	I	L08	21.98	N17° 10' 20"E	Metes and Bounds
I	J	L09	39.88	N45° 56' 21"E	Metes and Bounds
J	K	L10	82.51	N27° 28' 23"E	Metes and Bounds
K	L	L11	42.35	N06° 06' 41"E	Metes and Bounds
L	M	L12	1,583.35	N89° 29' 51"E	Metes and Bounds
M	N	L13	130.38	N29° 18' 52"E	Metes and Bounds
N	O	L14	696.48	N08° 43' 01"W	Metes and Bounds
O	P	L15	40.43	N88° 44' 32"W	Metes and Bounds
P	Q	L16	689.97	S08° 41' 45"E	Metes and Bounds
Q	R	L17	76.17	S28° 50' 51"W	Metes and Bounds
R	S	L18	784.85	S89° 30' 13"W	Metes and Bounds
S	T	L19	81.27	N36° 27' 12"W	Metes and Bounds
T	U	L20			Chippewa County Parcel Boundary (2018)
U	V	L21			Contour Elevation 1,002 feet NGVD 1929
V	W	L22			East Line of Section 8, T31N, R06W
W	X	L23			Contour Elevation 1,002 feet NGVD 1929
X	Y	L24			Chippewa County Parcel Boundary (2018)
Y	A	L25			East Line of Section 29, T32N, R06W

Metes and bounds, begin at P1 located at the SW Corner of the SE 1/4 of Section 18, T31N, R06W, then:

P1	P2	L0A	330.14	S89° 24' 36"E	Not part of Project Boundary
P2	F	L0B	56.40	S01° 46' 42"W	Follows Project Boundary

to arrive at Point F, beginning of metes and bounds for Segments L06 to L19

RECREATION SITE TABLE

Site ID	Recreation Facility	Latitude	Longitude
1	Canoe Portage Take-Out	91° 09' 37.537" W	45° 09' 52.659" N
2	Canoe Portage Put-In and Tailrace Fishing Area	91° 09' 33.019" W	45° 09' 45.808" N
3	Tailrace Fishing Area	91° 09' 23.087" W	45° 09' 47.239" N
4	City of Cornell Public Boat Landing	91° 09' 20.432" W	45° 10' 17.548" N
5	266th Street Informal Access Site	91° 08' 16.766" W	45° 12' 57.307" N

NUMBERED PARCEL LAND OWNERSHIP TABLE

(Numbered parcels are not within the Project Boundary)

Parcel No.	Owner	Municipality	Tax Parcel ID	Chippewa County Parcel ID
1	Chippewa County	Town of Birch Creek	008-0343	23206-2941-50050000
2	Chippewa County	Town of Birch Creek	008-0345	23206-2943-50060002
F03	Licensee	Town of Birch Creek	008-0435	23206-3212-50060222
4	Private	Town of Birch Creek	008-0434	23206-3212-50060002
5	Private	Town of Birch Creek	008-0436	23206-3221-50070002
F06	Licensee	Town of Birch Creek	008-0437	23206-3221-50070555
F07	Licensee	Town of Birch Creek	008-0440	23206-3223-50080888
8	Chippewa County	Town of Birch Creek	008-0441	23206-3232-50090000
9	Chippewa County	Town of Birch Creek	008-0442	23206-3233-50100002
10	Chippewa County	Town of Cleveland	012-0001	23106-0522-50010000
11	Chippewa County	Town of Cleveland	012-0002	23106-0611-50040000
12	Chippewa County	Town of Cleveland	012-0004	23106-0613-50050000
13	Chippewa County	Town of Cleveland	012-0009	23106-0631-50060000
14	State of Wisconsin	Town of Cleveland	012-0217	23107-1214-50020100
15	State of Wisconsin	Town of Cleveland	012-0227	23107-1242-50030100
16	State of Wisconsin	Town of Cleveland	012-0229	23107-1243-50040100
17	State of Wisconsin	Town of Cleveland	012-0232	23107-1312-50020002
18	State of Wisconsin	Town of Cleveland	012-0235	23107-1314-50030002
19	Private	City of Cornell	213-0599	23106-1832-73771001A
20	Private	City of Cornell	213-0598	23106-1832-50030590A
21	State of Wisconsin	City of Cornell	213-0594	23106-1832-50030002A
22	State of Wisconsin	City of Cornell	213-0589	23106-1831-50040002
23	State of Wisconsin	City of Cornell	213-0616	23106-1842-50050002
24	State of Wisconsin	City of Cornell	213-0601	23106-1843-50060300
25	State of Wisconsin	City of Cornell	213-0602	23106-1843-50060333A
F26	Licensee	City of Cornell	213-0603	23106-1843-50060600
F27	Licensee	City of Cornell	213-0630	23106-1912-50010400
F28	Licensee	City of Cornell	213-0621	23106-1844-50120444
29	Private	City of Cornell	213-0617	23106-1844-50120550
F30	Licensee	City of Cornell	213-0615	23106-1841-50110444
31	City of Cornell	City of Cornell	213-0586	23106-1814-50100700
32	State of Wisconsin	City of Cornell	213-0583	23106-1814-50100002
33	State of Wisconsin	City of Cornell	213-0579	23106-1812-50090002
34	City of Cornell	City of Cornell	213-0587	23106-1821-50080000
35	State of Wisconsin	Town of Estella	024-0065	23106-0734-00000000
36	State of Wisconsin	Town of Estella	024-0056	23106-0712-50030000
F37	Licensee	Town of Lake Holcombe	035-0044	23106-0643-50020777
F38	Licensee	Town of Lake Holcombe	035-0042	23106-0641-50030777
39	Private	Town of Lake Holcombe	035-0029	23106-0523-50030000
40	Private	Town of Lake Holcombe	035-0028	23106-0521-50020000
F41	Licensee	Town of Lake Holcombe	035-1224	23206-3234-50050777
F42	Licensee	Town of Lake Holcombe	035-1222	23206-3231-50040333
F43	Licensee	Town of Lake Holcombe	035-1228	23206-3242-50030555
F44	Licensee	Town of Lake Holcombe	035-1220	23206-3214-50020333
F45	Licensee	Town of Lake Holcombe	035-1218	23206-3211-50010555
F46	Licensee	Town of Lake Holcombe	035-1216	23206-2944-50020777

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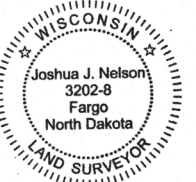
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*Matthew J. Miller* 8-13-2020  
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