### White River Hydroelectric Project FERC Project No. 2444

Application for a Subsequent License for a Minor Water Power Project Less than 1.5 Megawatts

**Prepared for** 

Northern States Power Company a Wisconsin Corporation



Volume 2 of 4 Exhibits F and G

July 2023

### Volume 2 of 4 Exhibits F and G

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Exhibit F – General Design Drawings of Project WorksF-1
Exhibit G – Project Boundary Maps

## White River Hydroelectric Project FERC Project No. 2444

# Exhibit F General Design Drawings of Project Works

**Final License Application** 

**Prepared for** 

Northern States Power Company a Wisconsin Corporation



July 2023

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- 2. Principal Project Works-Elevations
- 3. Principal Project Works-Powerhouse

Exhibit F Drawings Have Been Filed Separately as Critical Energy Infrastructure Information

## White River Hydroelectric Project FERC Project No. 2444

## Exhibit G Project Boundary Map

**Final License Application** 

**Prepared for** 

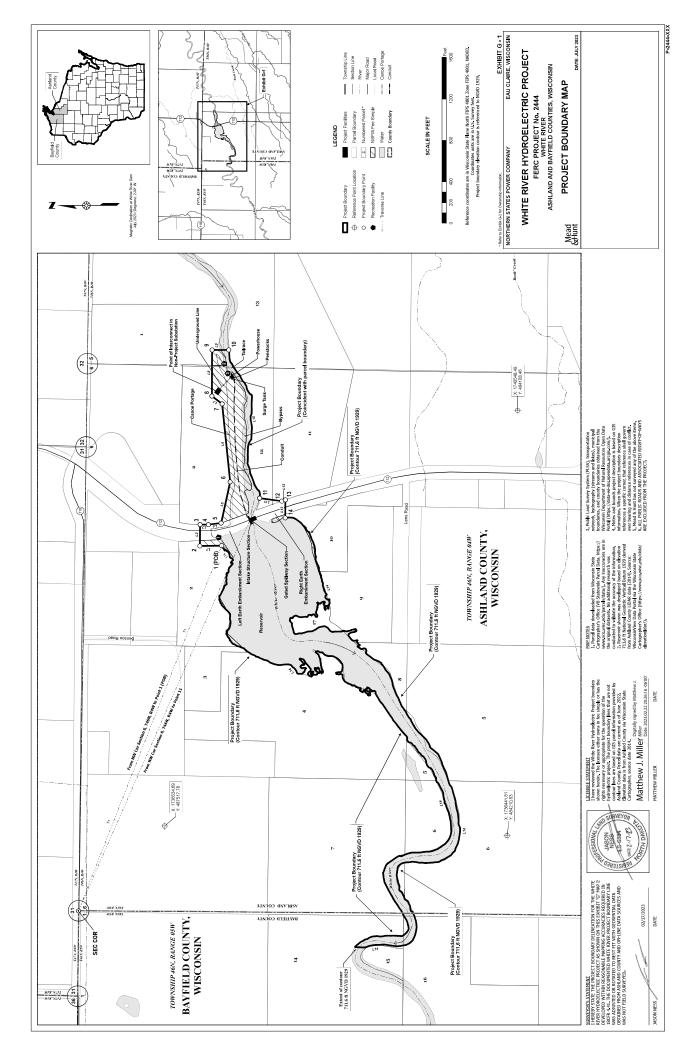
Northern States Power Company a Wisconsin Corporation



July 2023

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- 1. White River Hydroelectric Project Project Boundary Map
- 2. Parcel Ownership, Recreation Site, and Project Boundary Course Tables



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BAYFELD COUNTY       000     BAYFELD COUNTY       001     Distance (Faet)       3545'E     3788,71       3545'E     3788,71       4430'W     210,43       2014'E     206,68       255'E     3788,71       1014'E     206,68       2566W     80.6       1014'E     123,67       3355'E     407,61       0925'E     746,68       2210'E     124,2       3555'W     216,61       1544,50     1544,63       1555'W     216,61       1555'W     216,61       1555'W     216,61       1555'W     216,61       1555'W     216,61       1555'W     216,61       1555'W     151,41       2555'Y     151,41		
Dist Straft of Purkeconsistence       Distance (Feet)       3545°E     3788,71       3545°E     3788,71       4430°W     210,43       2355°E     407,61       1014°E     123,67       1014°E     123,667       3355°E     407,61       1014°E     123,67       1014°E     124,63       10526°E     160,49       1544,56     164,49       1556°W     1564       1565°°E     164,49       1565°°E     164,49       1565°°E     164,49       1556°W     1564       1556°W     151,4,5		
Invastore       Invastore     Distance (Faet)       3545'E     3788,71       3545'E     3788,71       4430'W     210,43       20'W     210,43       20'W     210,43       20'W     80,56       20'S     80,57       20'W     210,43       20'W     80,6       20'S     80,6       20'S     80,6       30'SB'E     407,61       10'14'E     123,67       30'SB'E     407,61       20'S'E     766,68       20'S'S'E     164,69       10'SS'E'E     160,49       0'SS'S'E     164,49       0'SS'S'E     164,49       0'SS'S'E     164,49       0'SS'S'E     365,84       155,62'''     36,88       42,42''W     151,41       151,14,5     151,41		
Celton     Distance (Faet)       3545'E     3788,71       3545'E     3788,71       265,68     266,68       2533'E     20,43       2333'E     407,61       1014'E     123,67       3335'E     407,61       2335'E     407,61       2355'E     156,68       2210'E     123,67       3355'E     164,69       1014'E     154,62       3555'W     216,64       3555'W     216,61       3555'W     215,61       3555'W     215,61       3555'W     1544,6       3555'W     215,61       3555'W     1544,6       3555'W     1544,6		
From Point     Insertion     Distance (Feet)       SEC COR     1 (POB)     286°3544°E     3788.71       1 (POB)     2     N0°4450°W     3788.71       2     3     386°3544°E     3788.71       2     3     366°3544°E     3788.71       2     3     366°3544°E     3788.71       2     3     366°3544°E     3788.71       2     3     368°3544°E     3788.71       2     3     368°3544°E     3788.71       2     3     368°354°E     3788.71       3     5     56°750°W     80.6       6     7     N84°0976°E     407.61       7     8     N37°22°0°E     154.367       9     586°490°°E     456.68       10     10     NA     154.367       11     12     80°7556°E     160.49       11     NA     154.367     1       11     10     NA     154.367       14     NA     169.42°W     17.347 <td></td> <td></td>		
SEC COR     1 (POB)     569'35'45'E     3788,71       1 (POB)     2     3     569'25'45'E     378,71       2     3     3     869'25'45'E     2704.43       2     3     589'25'45'E     205.66       3     4     5     50'10'14'E     123.67       6     7     N64'02'5'E     40.64     7       7     8     N37'22'10'E     124.2     145.69       8     7     N64'05'25'E     160.49     17.43       9     599'43'05'E     143.69     11     12     14       10     11     12     500'355'E     16.49     15.41       11     12     80'30'35'E     16.43     15.41     15.41       11     12     500'355'E     16.43     15.41     15.41     15.41       11     11     NA     15.43.67     15.41     15.41       14     1     NA     15.43.67     15.41     15.41		
1 (POB)     2     N0'44'30'V     210.43       2     3     586'73''E     206.68       3     4     56'55'V     805.55'V       4     5     50'10'14'E     123.67       5     6     5'77'35'36'E     40.61       6     7     N84'052'E     40.61       7     8     N37'21'0'E     124.2       8     9     589'49'06'E     445.69       9     10     500'526'E     160.49       10     11     12     164.36       11     12     500'526'E     164.36       12     13     519'2952'E     36.38       13     14     NA     154.36		
2     3     S89/2631'E     206.68       3     4     S0'2555''     80.5       4     5     S0'10'14''E     12.3,67       5     6     S77'30'326'E     407.91       6     7     N64'09'26'E     756.68       7     8     N37'2210'E     124.2       8     9     S89'49'05'E     160.49       9     10     S00'05'26'E     160.49       10     11     NA     1543.67       11     12     S00'05'26'E     160.49       12     11     NA     1543.67       13     14     NA     1543.67       14     17     S00'05'26'E     16.84       13     14     NA     1543.67		
3     4     S0'32'55'W     80.6       4     5     6     S07'10'14''E     123,67       5     6     S17'39'39'E     407,91     107,91       6     7     N84'09'56'E     766.68     107,91       7     8     N37'22'10'E     124,2     107,91       8     9     S89'49'05'E     160,49     10       9     10     S00'05'56''     1543,67     11       10     11     NA     1543,67     1543,67       11     12     S00'05'56'''W     1543,67     1543,67       12     11     NA     1543,67     1543,67       13     14     NA     1543,67     1543,67		
4     5     S07*10*14*E     123.67       5     6     S17*3838*E     407.91       6     7     N64*092%E     756.68       7     8     N37*22*10*E     124.2       8     N37*22*10*E     124.2       9     589*4906*E     46.69       9     589*4906*E     160.49       10     11     NA     1543.67       11     12     500*055%*E     160.49       12     11     NA     1543.67       13     14     NA     1543.67       14     172     500*055%*U     215.81       13     14     NA     1543.67		
5     6     5773838°E     407.91       6     7     N84'0926°E     756.68       7     8     N37"2210°E     745.69       8     9     589'49'06°E     445.69       9     10     8     85.43.69       10     11     NA     75.56       11     10     11     1543.67       11     11     12     807'356°W     215.81       12     13     519'29'52°E     36.86     15.81       13     14     NA     173.97     173.97       14     1(POB)     NA     15124.3     15.41		
6     7     N84*0926*E     756.68       7     8     N37*2210*E     124.2       8     9     589*4906*E     445.69       9     10     8     589*4906*E     145.69       10     11     NA     1543.67     143.67       11     11     NA     1543.67     143.67       11     12     507*3556*W     215.81     143.67       12     11     NA     215.81     143.67       13     14     N89*42*W     17.347     17.347       14     11/POB)     NA     151.24.39     14		
7     8     N37"22"10"E     124.2       8     9     889"4906"E     445.69       9     10     589"4306"E     445.69       10     11     NA     154.2       10     11     NA     154.2       11     12     500"05"6"E     160.49       12     11     NA     154.367       12     501"3559"W     215.81       13     14     N89"42"W     173.97       13     14     NB9"42"W     173.97       14     1(POB)     NA     15124.3		
8     9     S89'49'06'E     445.69       9     10     S00'05'26'E     160.49       10     11     NA     1543.67       11     12     S00'35'69'W     215.81       12     13     S19'29'52'E     36.36       13     14     N8'42'W     17.3.67       14     1(POB)     NA     154.49		
9     10     500 <sup>-</sup> 05 <sup>2</sup> °E     160.49       10     11     NA     1543.67       11     12     507 <sup>-</sup> 35 <sup>5</sup> °FW     215.81       12     13     519 <sup>-</sup> 29 <sup>5</sup> °EC     36.88       13     14     N89 <sup>-</sup> 42 <sup>2</sup> W     173.97       14     1 (POB)     NA     15124.3		Defenserer crondinates are in Mircowin Cista Clane Morth FIDC 4001 7 and FIDC 4001 M
10     11     NA     1543.67       11     12     507'35'59'W     215.81       12     13     519'29'52'E     36.88       13     14     N89'42'2'W     173.97       14     1(POB)     NA     15124.3		Project boundary elevation contour is referenced to NGVD 1929
11     12     807'35'59''V     215.81       12     13     \$19'29'52'E     36.86       13     14     N89'42'2''V     73.97       14     1(PCB)     NA     15'24.9	66°18'12"E, 4353.21 feet from the said NW Cor Section 6	
12     13     \$19'2952'E     36.38       13     14     N89'4242'W     173.97       14     1 (POB)     NA     151.44.9		NORTHERN STATES POWER COMPANY EAU CLARE, WSCONSIN
13     14     N89°42'42"W     173.97     1       14     1 (POB)     N/A     15124.9     1		WHITE RIVER HYDROELECTRIC PROJECT
14 1 (POB) N/A 15124.9		FERC PROJECT No. 2444 WHITE RIVER
		ASHLAND AND BAYFIELD COUNTIES, WISCONSIN
-		Mead PROJECT BOUNDARY MAP 64 <sup>t</sup> lunt DATE: JULY 2023
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