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Federal Communications Commission

Wireless Telecommunications Bureau

RADIO STATION AUTHORIZATION

LICENSEE: WISCONSIN POWER AND LIGHT COMPANY

ATTN: PAT MARSHALL
WISCONSIN POWER AND LIGHT COMPANY
4902 N BILTMORE LN
MADISON, WI 53718

Call Sign WPNW378	File Number 0011044756
Radio Service YO - Other Indust/Land Transp. 806-821/851-866 MHz, Trunked	
Regulatory Status PMRS	
Frequency Coordination Number	

FCC Registration Number (FRN): 0002716603

Grant Date 04-27-2024	Effective Date 04-27-2024	Expiration Date 07-15-2034	Print Date 04-27-2024
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STATION TECHNICAL SPECIFICATIONS

Fixed Location Address or Mobile Area of Operation

- Loc. 1** Address: JANESVILLE PARKER PLACE BUIDING, 1 PARKER PL
City: JANESVILLE County: ROCK State: WI
Lat (NAD83): 42-40-58.0 N Long (NAD83): 089-01-12.4 W ASR No.: N/A Ground Elev: 242.0
- Loc. 2** Address: BELIOT TOWER, UTE CT
City: BELOIT County: ROCK State: WI
Lat (NAD83): 42-31-52.0 N Long (NAD83): 089-04-16.0 W ASR No.: Ground Elev: 274.3
- Loc. 3** Address: LAKE GENEVA TOWER, N 3230 CTY HWY H
City: LAKE GENEVA County: WALWORTH State: WI
Lat (NAD83): 42-36-34.1 N Long (NAD83): 088-26-36.3 W ASR No.: 1035101 Ground Elev: 295.7
- Loc. 4** Address: N4552 STATE HWY 69
City: MONROE County: GREEN State: WI
Lat (NAD83): 42-40-12.0 N Long (NAD83): 089-37-03.3 W ASR No.: 1035396 Ground Elev: 328.3
- Loc. 5** Address: NORTH FREEDOM TOWER, HAPPY HILL AT WEINKE RD
City: NORTH FREEDOM County: SAUK State: WI
Lat (NAD83): 43-23-41.0 N Long (NAD83): 089-52-21.0 W ASR No.: 1035378 Ground Elev: 445.0
- Loc. 6** Area of operation
Operating within a 113.0 km radius around fixed location 1
- Loc. 7** Area of operation
Operating within a 113.0 km radius around fixed location 2

Conditions:

Pursuant to §309(h) of the Communications Act of 1934, as amended, 47 U.S.C. §309(h), this license is subject to the following conditions: This license shall not vest in the licensee any right to operate the station nor any right in the use of the frequencies designated in the license beyond the term thereof nor in any other manner than authorized herein. Neither the license nor the right granted thereunder shall be assigned or otherwise transferred in violation of the Communications Act of 1934, as amended. See 47 U.S.C. § 310(d). This license is subject in terms to the right of use or control conferred by §706 of the Communications Act of 1934, as amended. See 47 U.S.C. §606.

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Fixed Location Address or Mobile Area of Operation

Loc. 8 Area of operation
Operating within a 113.0 km radius around fixed location 3

Loc. 9 Area of operation
Operating within a 113.0 km radius around fixed location 4

Loc. 10 Area of operation
Operating within a 113.0 km radius around fixed location 5

Loc. 11 Area of operation
Land Mobile Control Station meeting the 6.1 Meter Rule: WI

Antennas

Loc No.	Ant No.	Frequencies (MHz)	Sta. Cls.	No. Units	No. Pagers	Emission Designator	Output Power (watts)	ERP (watts)	Ant. Ht./Tp meters	Ant. AAT meters	Construct Deadline Date
1	1	000856.83750000	FB2C	1		20K0F3E 20K0F9W 20K0W7W	70.000	300.000	30.0	6.0	07-15-2004
1	1	000857.81250000	FB2C	1		20K0F3E 20K0F9W 20K0W7W	70.000	300.000	30.0	6.0	07-15-2004
1	1	000858.78750000	FB2C	1		20K0F3E 20K0F9W 20K0W7W	70.000	300.000	30.0	6.0	07-15-2004
1	1	000860.91250000	FB2C	1		20K0F3E 20K0F9W 20K0W7W	70.000	300.000	30.0	6.0	07-15-2004
2	1	000855.16250000	FB2C	1		20K0F3E 20K0F9W 20K0W7W 7K60FXD 7K60FXW	100.000	300.000	43.3	71.2	07-15-2004
2	1	000856.83750000	FB2C	1		20K0F3E 20K0F9W 20K0W7W 7K60FXD 7K60FXW	100.000	300.000	43.3	71.2	07-15-2004
2	1	000857.81250000	FB2C	1		20K0F3E 20K0F9W 20K0W7W	100.000	300.000	43.3	71.2	07-15-2004

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2	1	000860.36250000	FB2C	1		20K0F3E 20K0F9W 20K0W7W 7K60FXD 7K60FXW	100.000	250.000	43.3	71.2	07-15-2004
2	1	000860.91250000	FB2C	1		20K0F3E 20K0F9W 20K0W7W	100.000	300.000	43.3	71.2	07-15-2004
2	1	000858.81250000	FB2C	1		7K60FXD 7K60FXW	100.000	250.000	43.3	71.2	12-31-2017
3	1	000856.83750000	FB2C	1		20K0F3E 20K0F9W 20K0W7W 7K60FXD 7K60FXW	70.000	300.000	79.9	70.8	07-15-2004
3	1	000857.81250000	FB2C	1		20K0F3E 20K0F9W 20K0W7W 7K60FXD 7K60FXW	100.000	300.000	79.9	70.8	01-16-2003
3	1	000860.91250000	FB2C	1		20K0F3E 20K0F9W 20K0W7W	70.000	300.000	79.9	70.8	01-16-2003
3	1	000855.51250000	FB2C	1		7K60FXD 7K60FXW	100.000	125.000	79.9	70.8	12-31-2017
4	1	000856.83750000	FB2C	1		20K0F3E 20K0F9W 20K0W7W	100.000	300.000	73.0	112.1	07-15-2004
4	1	000857.81250000	FB2C	1		20K0F3E 20K0F9W 20K0W7W 7K60FXD 7K60FXW	100.000	300.000	73.0	112.1	07-15-2004

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4	1	000858.78750000	FB2C	1		20K0F3E 20K0F9W 20K0W7W	70.000	250.000	73.0	112.1	07-15-2004
4	1	000859.78750000	FB2C	1		20K0F3E 20K0F9W 20K0W7W	70.000	300.000	73.0	112.1	
4	1	000860.91250000	FB2C	1		20K0F3E 20K0F9W 20K0W7W	70.000	300.000	73.0	112.1	07-15-2004
4	1	000859.88750000	FB2C	1		20K0F3E 20K0F9W 20K0W7W 7K60FXD 7K60FXW	100.000	300.000	73.0	112.1	01-16-2003
4	2	000856.83750000	FB2C	1		20K0F3E 20K0F9W 20K0W7W	100.000	300.000	73.0	112.1	05-03-2006
4	2	000857.81250000	FB2C	1		20K0F3E 20K0F9W 20K0W7W 7K60FXD 7K60FXW	100.000	300.000	73.0	112.1	05-03-2006
4	2	000858.78750000	FB2C	1		20K0F3E 20K0F9W 20K0W7W	70.000	250.000	73.0	112.1	05-03-2006
4	2	000859.78750000	FB2C	1		20K0F3E 20K0F9W 20K0W7W	70.000	300.000	73.0	112.1	05-03-2006
4	2	000859.88750000	FB2C	1		20K0F3E 20K0F9W 20K0W7W 7K60FXD 7K60FXW	70.000	300.000	73.0	112.1	05-03-2006

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4	2	000860.91250000	FB2C	1		20K0F3E 20K0F9W 20K0W7W	70.000	300.000	73.0	112.1	05-03-2006
5	1	000855.28750000	FB2C	1		20K0F3E 20K0F9W 20K0W7W	70.000	300.000	79.9	229.8	01-16-2003
5	1	000858.81250000	FB2C	1		20K0F3E 20K0F9W 20K0W7W 7K60FXD 7K60FXW	100.000	300.000	79.9	229.8	01-16-2003
5	1	000858.28750000	FB2C	1		7K60FXD 7K60FXW	100.000	300.000	79.9	229.8	12-31-2017
6	1	000811.83750000	MO	2044		20K0F3E 20K0F9W 20K0W7W	35.000	35.000			01-16-2003
6	1	000812.81250000	MO	2044		20K0F3E 20K0F9W 20K0W7W	35.000	35.000			01-16-2003
6	1	000813.78750000	MO	2044		20K0F3E 20K0F9W 20K0W7W	35.000	35.000			01-16-2003
6	1	000815.91250000	MO	2044		20K0F3E 20K0F9W 20K0W7W	35.000	35.000			01-16-2003
7	1	000810.16250000	MO	2044		20K0F3E 20K0F9W 20K0W7W 7K60FXD 7K60FXW	35.000	35.000			01-16-2003
7	1	000811.83750000	MO	2044		20K0F3E 20K0F9W 20K0W7W 7K60FXD 7K60FXW	35.000	35.000			01-16-2003

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7	1	000812.81250000	MO	2044		20K0F3E 20K0F9W 20K0W7W	35.000	35.000			01-16-2003
7	1	000815.36250000	MO	2044		20K0F3E 20K0F9W 20K0W7W 7K60FXD 7K60FXW	35.000	35.000			01-16-2003
7	1	000815.91250000	MO	2044		20K0F3E 20K0F9W 20K0W7W	35.000	35.000			01-16-2003
7	1	000813.81250000	MO	2044		7K60FXD 7K60FXW	35.000	35.000			12-31-2017
8	1	000811.83750000	MO	2044		20K0F3E 20K0F9W 20K0W7W 7K60FXD 7K60FXW	35.000	35.000			01-16-2003
8	1	000812.81250000	MO	2044		20K0F3E 20K0F9W 20K0W7W 7K60FXD 7K60FXW	35.000	35.000			01-16-2003
8	1	000815.91250000	MO	2044		20K0F3E 20K0F9W 20K0W7W	35.000	35.000			01-16-2003
8	1	000810.51250000	MO	2044		7K60FXD 7K60FXW	35.000	35.000			12-31-2017
9	1	000811.83750000	MO	2044		20K0F3E 20K0F9W 20K0W7W	35.000	35.000			01-16-2003
9	1	000813.78750000	MO	2044		20K0F3E 20K0F9W 20K0W7W	35.000	35.000			01-16-2003

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9	1	000812.81250000	MO	2044		20K0F3E 20K0F9W 20K0W7W 7K60FXD 7K60FXW	35.000	35.000			01-16-2003
9	1	000814.78750000	MO	2044		20K0F3E 20K0F9W 20K0W7W	35.000	35.000			01-16-2003
9	1	000814.88750000	MO	2044		20K0F3E 20K0F9W 20K0W7W 7K60FXD 7K60FXW	35.000	35.000			05-03-2006
9	1	000815.91250000	MO	2044		20K0F3E 20K0F9W 20K0W7W 7K60FXD 7K60FXW	35.000	35.000			12-31-2017
10	1	000810.28750000	MO	2044		20K0F3E 20K0F9W 20K0W7W	35.000	35.000			01-16-2003
10	1	000813.81250000	MO	2044		20K0F3E 20K0F9W 20K0W7W 7K60FXD 7K60FXW	35.000	35.000			01-16-2003
10	1	000813.28750000	MO	2044		7K60FXD 7K60FXW	35.000	35.000			12-31-2017
11	1	000810.16250000	FX1	5		7K60FXD 7K60FXW	35.000	70.000			
11	1	000811.83750000	FX1	5		7K60FXD 7K60FXW	35.000	70.000			
11	1	000813.81250000	FX1	10		7K60FXD 7K60FXW	35.000	70.000			

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11	1	000812.81250000	FX1	10		7K60FXD 7K60FXW	35.000	70.000			
11	1	000814.88750000	FX1	5		7K60FXD 7K60FXW	35.000	70.000			
11	1	000813.28750000	FX1	5		7K60FXD 7K60FXW	35.000	70.000			
11	1	000815.36250000	FX1	5		7K60FXD 7K60FXW	35.000	70.000			

Control Points

Control Pt. No. 1

Address: 4902 N Biltmore Lane

City: MADISON **County:** DANE **State:** WI **Telephone Number:** (608)458-3006

Associated Call Signs

WPNX937, WPPG623, WPNW399

<NA>

Waivers/Conditions:

NONE