

**United States of America
FEDERAL COMMUNICATIONS COMMISSION
EXPERIMENTAL
RADIO STATION CONSTRUCTION PERMIT
AND LICENSE**

EXPERIMENTAL

(Nature of Service)

WJ2XMH

(Call Sign)

XT FX MO

(Class of Station)

0240-EX-CR-2020

(File Number)

NAME Ameren Services Company

Subject to the provisions of the Communications Act of 1934, subsequent acts, and treaties, and all regulations heretofore or hereafter made by this Commission, and further subject to the conditions and requirements set forth in this license, the licensee hereof is hereby authorized to use and operate the radio transmitting facilities hereinafter described for radio communications in accordance with the program of experimentation described by the licensee in its application for license.

Operation: In accordance with Sec. 5.3(a & j) of the Commission's Rules

Station Locations

- (1) Washington (PEORIA), IL - NL 40-42-57; WL 89-27-50; MOBILE: , within 15 km
- (2) Washington (PEORIA), IL - NL 40-42-57; WL 89-27-50; MOBILE: , within 15 km
- (3) Washington (PEORIA), IL - NL 40-42-57; WL 89-27-50; MOBILE: , within 15 km
- (4) Washington (PEORIA), IL - NL 40-47-30; WL 89-37-12; MOBILE: , within 15 km
- (5) Washington (PEORIA), IL - NL 40-47-30; WL 89-37-12; MOBILE: , within 15 km
- (6) Washington (PEORIA), IL - NL 40-47-30; WL 89-37-12; MOBILE: , within 15 km
- (7) Champaign (CHAMPAIGN), IL - NL 40-05-22; WL 88-14-38; MOBILE: , within 15 km
- (8) Champaign (CHAMPAIGN), IL - NL 40-05-22; WL 88-14-38; MOBILE: , within 15 km
- (9) Champaign (CHAMPAIGN), IL - NL 40-05-22; WL 88-14-38; MOBILE: , within 15 km
- (10) St. Louis (ST LOUIS), MO - NL 38-37-23; WL 90-12-39; MOBILE: , within 15 km
- (11) St. Louis (ST LOUIS), MO - NL 38-37-23; WL 90-12-39; MOBILE: , within 15 km
- (12) St. Louis (ST LOUIS), MO - NL 38-37-23; WL 90-12-39; MOBILE: , within 15 km
- (13) Marland Heights (ST LOUIS), MO - NL 38-43-08; WL 90-26-37; MOBILE: , within 15 km
- (14) Marland Heights (ST LOUIS), MO - NL 38-43-08; WL 90-26-37; MOBILE: , within 15 km
- (15) Marland Heights (ST LOUIS), MO - NL 38-43-08; WL 90-26-37; MOBILE: , within 15 km

This authorization effective May 01, 2020 and
will expire 3:00 A.M. EST May 01, 2022

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

Washington (PEORIA), IL - NL 40-42-57; WL 89-27-50; MOBILE: , within 15 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
898-901 MHz	MO	3M00W7W	5 W (ERP)	0.00002 %
898.8-900.2 MHz	MO	1M40W7W	5 W (ERP)	0.00002 %
937-940 MHz	FX	3M00W7W	1000 W (ERP)	0.00002 %
937.8-939.2 MHz	FX	1M40W7W	1000 W (ERP)	0.00002 %

Washington (PEORIA), IL - NL 40-42-57; WL 89-27-50; MOBILE: , within 15 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
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898.8-900.2 MHz	MO	1M40W7W	5 W (ERP)	0.00002 %
937-940 MHz	FX	3M00W7W	1000 W (ERP)	0.00002 %
937.8-939.2 MHz	FX	1M40W7W	1000 W (ERP)	0.00002 %

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898.8-900.2 MHz	MO	1M40W7W	5 W (ERP)	0.00002 %
937-940 MHz	FX	3M00W7W	1000 W (ERP)	0.00002 %
937.8-939.2 MHz	FX	1M40W7W	1000 W (ERP)	0.00002 %

Washington (PEORIA), IL - NL 40-47-30; WL 89-37-12; MOBILE: , within 15 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
898-901 MHz	MO	3M00W7W	5 W (ERP)	0.00002 %
898.8-900.2 MHz	MO	1M40W7W	5 W (ERP)	0.00002 %
937-940 MHz	FX	3M00W7W	1000 W (ERP)	0.00002 %
937.8-939.2 MHz	FX	1M40W7W	1000 W (ERP)	0.00002 %

Frequency Information

Washington (PEORIA), IL - NL 40-47-30; WL 89-37-12; MOBILE: , within 15 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
898-901 MHz	MO	3M00W7W	5 W (ERP)	0.00002 %
898.8-900.2 MHz	MO	1M40W7W	5 W (ERP)	0.00002 %
937-940 MHz	FX	3M00W7W	1000 W (ERP)	0.00002 %
937.8-939.2 MHz	FX	1M40W7W	1000 W (ERP)	0.00002 %

Washington (PEORIA), IL - NL 40-47-30; WL 89-37-12; MOBILE: , within 15 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
898-901 MHz	MO	3M00W7W	5 W (ERP)	0.00002 %
898.8-900.2 MHz	MO	1M40W7W	5 W (ERP)	0.00002 %
937-940 MHz	FX	3M00W7W	1000 W (ERP)	0.00002 %
937.8-939.2 MHz	FX	1M40W7W	1000 W (ERP)	0.00002 %

Frequency Information

Champaign (CHAMPAIGN), IL - NL 40-05-22; WL 88-14-38; MOBILE: , within 15 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
898-901 MHz	MO	3M00W7W	5 W (ERP)	0.00002 %
898.8-900.2 MHz	MO	1M40W7W	5 W (ERP)	0.00002 %
937-940 MHz	FX	3M00W7W	1000 W (ERP)	0.00002 %
937.8-939.2 MHz	FX	1M40W7W	1000 W (ERP)	0.00002 %

Champaign (CHAMPAIGN), IL - NL 40-05-22; WL 88-14-38; MOBILE: , within 15 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
898-901 MHz	MO	3M00W7W	5 W (ERP)	0.00002 %
898.8-900.2 MHz	MO	1M40W7W	5 W (ERP)	0.00002 %
937-940 MHz	FX	3M00W7W	1000 W (ERP)	0.00002 %
937.8-939.2 MHz	FX	1M40W7W	1000 W (ERP)	0.00002 %

Frequency Information

Champaign (CHAMPAIGN), IL - NL 40-05-22; WL 88-14-38; MOBILE: , within 15 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
898-901 MHz	MO	3M00W7W	5 W (ERP)	0.00002 %
898.8-900.2 MHz	MO	1M40W7W	5 W (ERP)	0.00002 %
937-940 MHz	FX	3M00W7W	1000 W (ERP)	0.00002 %
937.8-939.2 MHz	FX	1M40W7W	1000 W (ERP)	0.00002 %

St. Louis (ST LOUIS), MO - NL 38-37-23; WL 90-12-39; MOBILE: , within 15 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
898-901 MHz	MO	3M00W7W	5 W (ERP)	0.00002 %
898.8-900.2 MHz	MO	1M40W7W	5 W (ERP)	0.00002 %
900.4-900.6 MHz	MO	2K00W9D	5 W (ERP)	0.00002 %
937-940 MHz	FX	3M00W7W	1000 W (ERP)	0.00002 %
937.8-939.2 MHz	FX	1M40W7W	1000 W (ERP)	0.00002 %

Frequency Information

St. Louis (ST LOUIS), MO - NL 38-37-23; WL 90-12-39; MOBILE: , within 15 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
939.4-939.6 MHz	FX	2K00W9D	1000 W (ERP)	0.00002 %

St. Louis (ST LOUIS), MO - NL 38-37-23; WL 90-12-39; MOBILE: , within 15 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
898-901 MHz	MO	3M00W7W	5 W (ERP)	0.00002 %
898.8-900.2 MHz	MO	1M40W7W	5 W (ERP)	0.00002 %
900.4-900.6 MHz	MO	2K00W9D	5 W (ERP)	0.00002 %
937-940 MHz	FX	3M00W7W	1000 W (ERP)	0.00002 %
937.8-939.2 MHz	FX	1M40W7W	1000 W (ERP)	0.00002 %
939.4-939.6 MHz	FX	2K00W9D	1000 W (ERP)	0.00002 %

Frequency Information

St. Louis (ST LOUIS), MO - NL 38-37-23; WL 90-12-39; MOBILE: , within 15 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
898-901 MHz	MO	3M00W7W	5 W (ERP)	0.00002 %
898.8-900.2 MHz	MO	1M40W7W	5 W (ERP)	0.00002 %
900.4-900.6 MHz	MO	2K00W9D	5 W (ERP)	0.00002 %
937-940 MHz	FX	3M00W7W	1000 W (ERP)	0.00002 %
937.8-939.2 MHz	FX	1M40W7W	1000 W (ERP)	0.00002 %
939.4-939.6 MHz	FX	2K00W9D	1000 W (ERP)	0.00002 %

Marlany Heights (ST LOUIS), MO - NL 38-43-08; WL 90-26-37; MOBILE: , within 15 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
898-901 MHz	MO	3M00W7W	5 W (ERP)	0.00002 %
898.8-900.2 MHz	MO	1M40W7W	5 W (ERP)	0.00002 %
937-940 MHz	FX	3M00W7W	1000 W (ERP)	0.00002 %

Frequency Information

Marlany Heights (ST LOUIS), MO - NL 38-43-08; WL 90-26-37; MOBILE: , within 15 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
937.8-939.2 MHz	FX	1M40W7W	1000 W (ERP)	0.00002 %

Marlany Heights (ST LOUIS), MO - NL 38-43-08; WL 90-26-37; MOBILE: , within 15 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
898-901 MHz	MO	3M00W7W	5 W (ERP)	0.00002 %
898.8-900.2 MHz	MO	1M40W7W	5 W (ERP)	0.00002 %
937-940 MHz	FX	3M00W7W	1000 W (ERP)	0.00002 %
937.8-939.2 MHz	FX	1M40W7W	1000 W (ERP)	0.00002 %

Marlany Heights (ST LOUIS), MO - NL 38-43-08; WL 90-26-37; MOBILE: , within 15 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
898-901 MHz	MO	3M00W7W	5 W (ERP)	0.00002 %
898.8-900.2 MHz	MO	1M40W7W	5 W (ERP)	0.00002 %

Frequency Information

Marlany Heights (ST LOUIS), MO - NL 38-43-08; WL 90-26-37; MOBILE: , within 15 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
937-940 MHz	FX	3M00W7W	1000 W (ERP)	0.00002 %
937.8-939.2 MHz	FX	1M40W7W	1000 W (ERP)	0.00002 %

Special Conditions:

- (1) The station identification requirements of Section 5.115 of the Commission's Rules are waived.
- (2) Licensee should be aware that other stations may be licensed on these frequencies and if any interference occurs, the licensee of this authorization will be subject to immediate shut down.
- (3) Licensee must obtain consent from the following within 80 km of the contours of the testing area:
 - > SMR licensees (896-901 MHz/935-940 MHz)
 - > B/ILT licensees (896-901 MHz/935-940 MHz)Narrowband PCS licensees (901-902/930-931/940-941 MHz).