

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

EXPERIMENTAL

(Nature of Service)

XT FX MO

(Class of Station)

WL2XEC

(Call Sign)

0005-EX-CM-2021

(File Number)

NAME Xcel Energy, Inc.

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(e, j) of the Commission's Rules

Station Locations

- (1) Minneapolis (HENNEPIN), MN - NL 44-57-02; WL 93-16-00; MOBILE: within 18.6 km, centered around NL 44-57-02; WL 93-16-00
- (2) Saint Paul (RAMSEY), MN - NL 44-57-33; WL 93-10-52; MOBILE: , within 18.6 km, centered around NL 44-57-33; WL 93-10-52

Frequency Information

Minneapolis (HENNEPIN), MN - NL 44-57-02; WL 93-16-00; MOBILE: within 18.6 km, centered around NL 44-57-02; WL 93-16-00

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
897.5-900.5 MHz	FX	3M00M7W	33.382 W (ERP)	0.00002 %
936.5-939.5 MHz	FX	3M00M7N	33.382 W (ERP)	0.00002 %

This authorization effective February 05, 2021 and
will expire 3:00 A.M. EST August 01, 2022

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

Saint Paul (RAMSEY), MN - NL 44-57-33; WL 93-10-52; MOBILE: , within 18.6 km, centered around NL 44-57-33; WL 93-10-

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
897.5-900.5 MHz	FX	3M00M7W	400 W (ERP)	0.00002 %
936.5-939.5 MHz	FX	3M00M7W	400 W (ERP)	0.00002 %

Special Conditions:

- (1) 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.
- (2) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (3) Prior to commencing any operations in the frequencies below, Xcel Energy, Inc. must obtain consent from the following within 50 miles of the contours of the testing area:
SMR licensees (896-901 MHz/935-940 MHz)
B/ILT licensees (896-901 MHz/935-940 MHz)