

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

EXPERIMENTAL

(Nature of Service)

WF2XWV

(Call Sign)

XD FX MO

(Class of Station)

0303-EX-PL-2011

(File Number)

NAME Great River Energy

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(i) of the Commission's Rules

Station Locations

- (1) Elk River (SHERBURNE), MN - NL 45-20-39; WL 93-34-02; MOBILE: 32 km around base station, within 32 km
- (2) Milaca (MILLE LACS), MN - NL 45-45-53; WL 93-39-06; MOBILE: 32 km around base station, within 32 km
- (3) Grand Rapids (ITASCA), MN - NL 47-07-57; WL 93-39-27; MOBILE: 32 km around base station, within 32 km

Frequency Information

Elk River (SHERBURNE), MN - NL 45-20-39; WL 93-34-02; MOBILE: 32 km around base station, within 32 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
451.075 MHz	FX	20K0D1W 20K0D1E 20K0D1D	204 W (ERP)	0.1 %
456.075 MHz	MO	20K0D1W 20K0D1E 20K0D1D	10 W (ERP)	1.5 %

This authorization effective August 19, 2011 and
will expire 3:00 A.M. EST March 01, 2012

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

Elk River (SHERBURNE), MN - NL 45-20-39; WL 93-34-02; MOBILE: 32 km around base station, within 32 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
456.075 MHz	MO	20K0D1W 20K0D1E 20K0D1D	3 W (ERP)	1.5 %

Milaca (MILLE LACS), MN - NL 45-45-53; WL 93-39-06; MOBILE: 32 km around base station, within 32 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
451.225 MHz	FX	20K0D1W 20K0D1E 20K0D1D	204 W (ERP)	0.1 %
456.225 MHz	MO	20K0D1W 20K0D1E 20K0D1C	10 W (ERP)	1.5 %
456.225 MHz	MO	20K0D1W 20K0D1E 20K0D1D	3 W (ERP)	1.5 %

Grand Rapids (ITASCA), MN - NL 47-07-57; WL 93-39-27; MOBILE: 32 km around base station, within 32 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
451.25 MHz	FX	20K0D1W 20K0D1E 20K0D1E	210 W (ERP)	0.1 %

Frequency Information

Grand Rapids (ITASCA), MN - NL 47-07-57; WL 93-39-27; MOBILE: 32 km around base station, within 32 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
451.25 MHz	FX	20K0D1D	210 W (ERP)	0.1 %
456.25 MHz	MO	20K0D1W 20K0D1E 20K0D1D	10 W (ERP)	1.5 %
456.25 MHz	MO	20K0D1W 20K0D1E 20K0D1D	3 W (ERP)	1.5 %

Special Conditions:

- (1) The station identification requirements of Section 5.115 of the Commission's Rules are waived.
- (2) Operation on 451.075 MHz, 451.225 MHz, and 451.25 MHz is subject to prior coordination with the Society of Broadcast Engineers, Inc. (SBE); ATTN: Executive Director; 9247 North Meridian Street, Suite 305; Indianapolis, IN 46260; telephone, (866) 632-4222; FAX, (317) 846-9120; e-mail, executivedir@sbe.org; information, www.sbe.org.