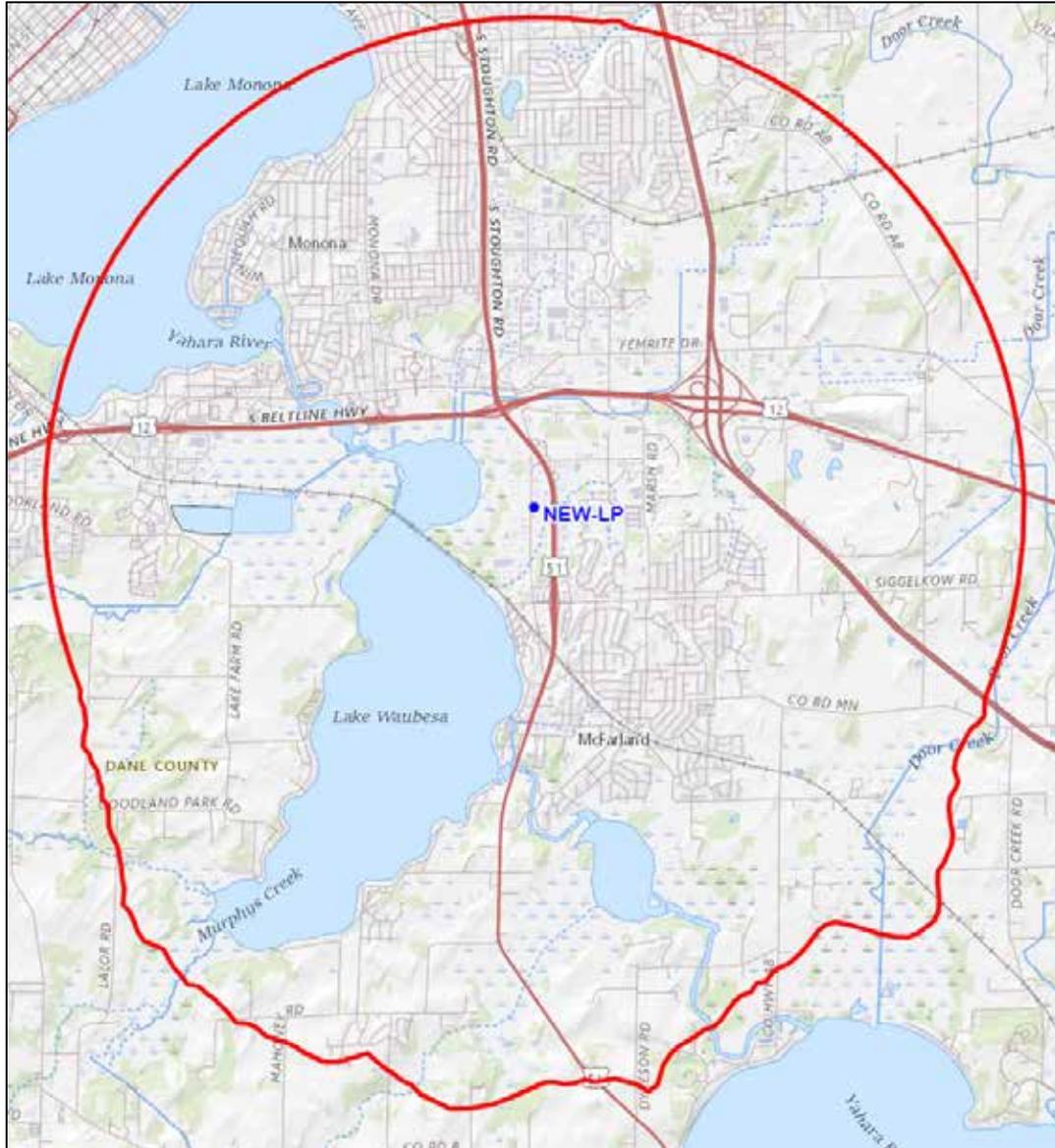




REC Networks/Michelle Bradley CBT
 11541 Riverton Wharf Rd.
 Mardela Springs, MD 21837
 844.REC.LPFM/202.621.2355
 recnet.com

Original Construction Permit Application
 MC FARLAND, WI
IGLESIA PENTECOSTAL JEHOVA RAFA
 Facility ID: 782486

PROPOSED 60dBu F(50,50) SERVICE CONTOUR



MC FARLAND, WI ~ Channel 279LP100 (103.7 MHz) ~ ERP 0.100 kW
 Elev: 261.7 meters ~ RCAGL: 16.3 meters ~ RCAMSL: 278 meters ~ HAAT: 3 meters
 Overall tower height: 18.3 meters AGL ~ ASR: None (no nearby airports)
 Support Structure: 6.1 meters
 NAD83 Latitude: 43° 02' 8.6" NL ~ Longitude: 89° 18' 08.3" WL
 No AM stations within 3 km.
 Elevation and HAAT based on NED1 data from FCC Contours API.
 New rooftop tower construction.

IGLESIA PENTECOSTAL JEHOVA RAFA

New(LP)
Madison, Wisconsin
Channel 279LP100 (103.7 MHz)

| | | |
|--|-------------------|----|
| Distance separation | <i>§73.807</i> | 3 |
| Second-adjacent channel waiver request | <i>§73.807(a)</i> | 4 |
| Educational Statement | <i>§73.503(a)</i> | 8 |
| Evidence of Corporation Status | <i>§73.503(a)</i> | 9 |
| LPFM Point System factors | <i>§73.872</i> | 10 |
| Demonstration of localism | <i>§73.853</i> | 11 |

R E C NETWORKS
CHANNEL REPORT

NAD83 LATITUDE: 43 - 02' 08.6" - LONGITUDE: 89 - 18' 08.3"
CHANNEL: 279 - CLASS: LP100

| CHAN | FREQ | CALL | LOCATION | CLS | DIST | REQ | CLEAR | BEAR |
|------|-------|--|-------------|-------|-------|-------|-------|-------|
| 277 | 103.3 | W277EA : DAVID R. MAGNUM | WATERTOWN | WI D8 | 47.8 | 21.0 | 26.8 | 67.9 |
| 277 | 103.3 | W277AE : EDUCATIONAL MEDIA FOUNDATION | MADISON | WI D5 | 16.7 | 14.0 | 2.7 | 269.9 |
| 277 | 103.3 | WJOD : Townsquare License, LLC | ASBURY | IA C3 | 125.3 | 40.0 | 85.3 | 236.2 |
| 278 | 103.5 | WLSP-LP : SUN PRAIRIE COMMUNITY FOUNDATION D. B. A. FRIENDS OF KIDS-4 | SUN PRAIRIE | WI L1 | 16.6 | 14.0 | 2.6 | 21.0 |
| 278 | 103.5 | WADR-LP : UAA | JANESVILLE | WI L1 | 45.3 | 14.0 | 31.3 | 149.4 |
| 279 | 103.7 | WLLR-FM : IHM LICENSES, LLC | DAVENPORT | IA C0 | 191.6 | 122.0 | 69.6 | 210.5 |
| 279 | 103.7 | WXSS : AUDACY LICENSE, LLC | WAUWATOSA | WI B | 114.0 | 112.0 | 2.0 | 86.1 |
| 279 | 103.7 | W279EG : BARABOO BROADCASTING CORPORATION | Reedsburg | WI D2 | 79.4 | 26.0 | 53.4 | 315.6 |
| 279 | 103.7 | WWIB : STEWARDS OF SOUND, INC. | HALLIE | WI C1 | 273.6 | 111.0 | 162.6 | 327.7 |
| 280 | 103.9 | WVBO : CUMULUS LICENSING LLC | WINNECONNE | WI C3 | 139.3 | 67.0 | 72.3 | 27.9 |
| 281 | 104.1 | WZEE : IHM LICENSES, LLC > See waiver request | MADISON | WI B | 15.1 | 67.0 | -51.9 | 276.4 |

REQUEST FOR WAIVER OF §73.807(a)
SHORT-SPACED SECOND-ADJACENT CHANNEL

New(LP)
Madison, Wisconsin
Channel 279LP100 (103.7 MHz)

The instant application meets all §73.807 distance separation requirements with the exception of second-adjacent channel station WZEE, Madison, Wisconsin. To address this shortcoming, we propose the following as set forth:

WZEE operates on Channel 281B with 12 kW effective radiated power (ERP) at 306 meters height above average terrain (HAAT) into a nondirectional antenna. WZEE places a 84.7 dBu service contour at the proposed transmitter site.

Using the U/D method¹, the proposed LPFM station is predicted to produce an undesired interference overlap in respect to WZEE to the proposed LPFM station's 124.7 dBu interfering contour ("overlap zone"). At 100 watts ERP, the overlap zone extends to 41 meters from the base of the antenna structure utilizing the free space method.

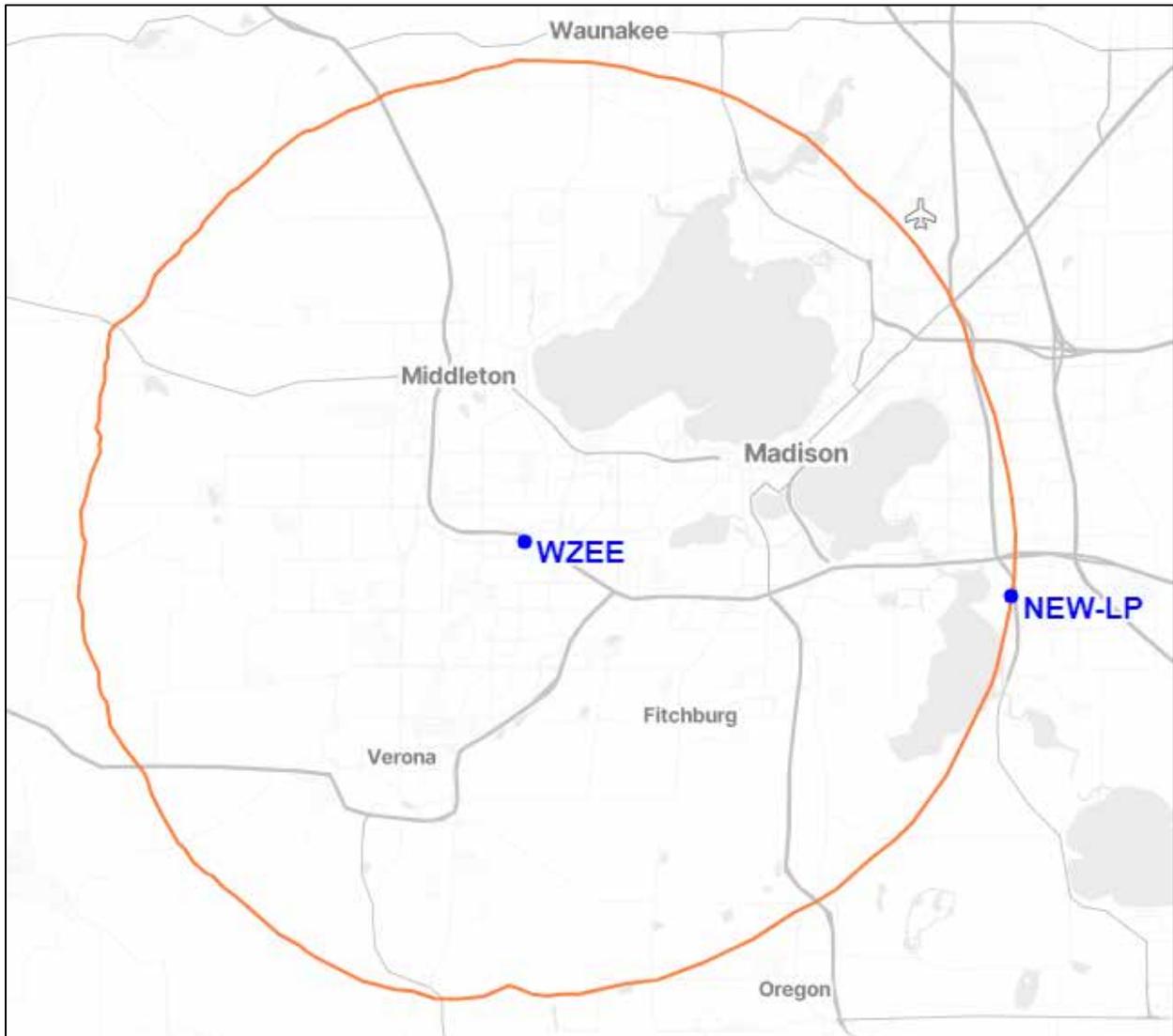
As the interference would reach the ground, the applicant can overcome the second-adjacent channel interference utilizing a two-bay Nicom BKG-77 circularly polarized antenna with half-wave spacing. Based on the manufacturer's specifications, the overlap zone would not reach any point lower than 4 meters above ground level. The antenna will be sited on a single story structure with a high ceiling, thus making the highest point of occupation at 2 meters. As the overlap zone remains entirely above occupied areas, the proposed facility will not cause interference to listeners or potential listeners of WZEE.

As we have determined that the proposed facility will not cause any interference, the applicant is requesting a waiver of §73.807(a) in respect to WZEE, Madison, Wisconsin.

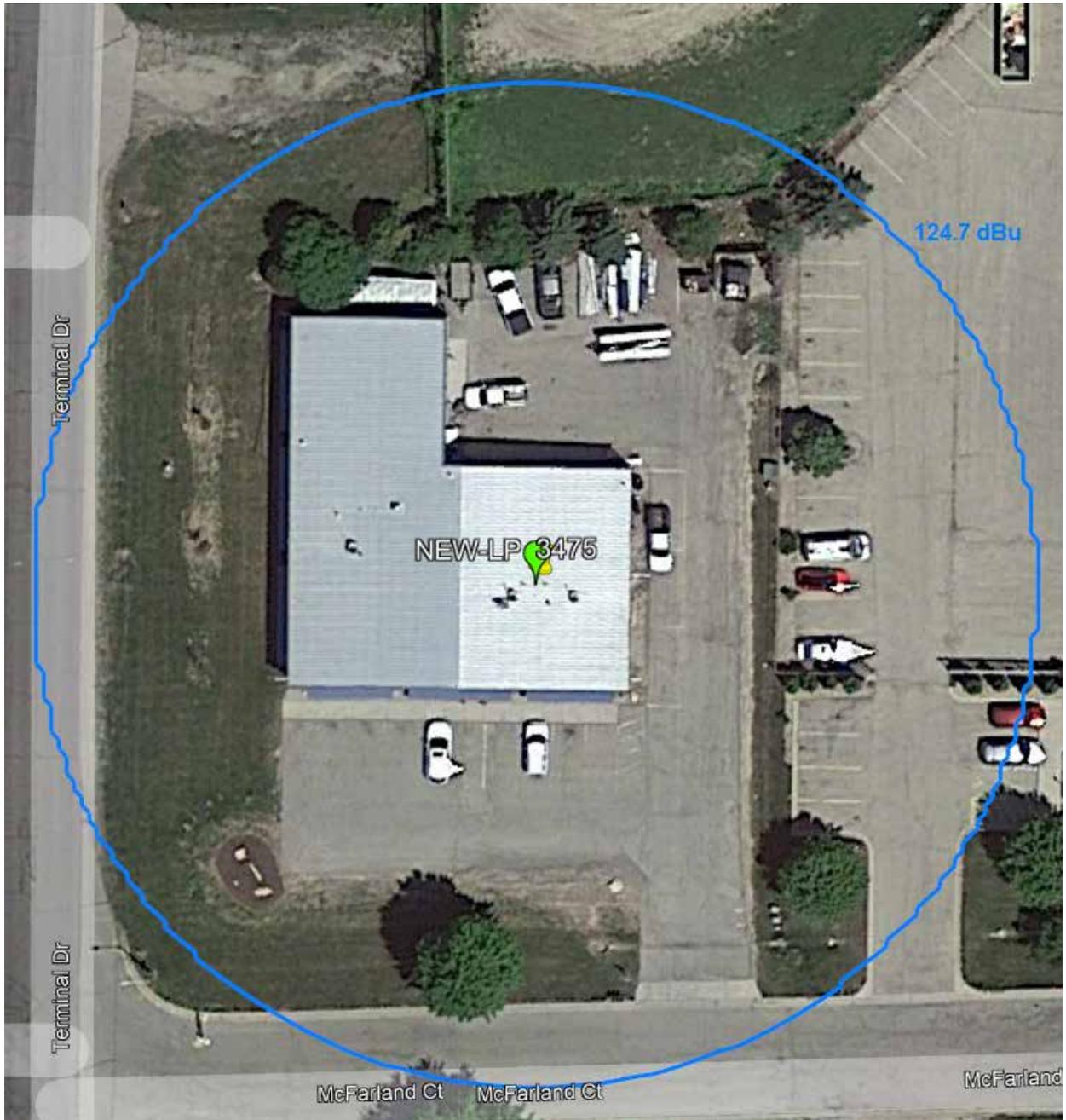
Prepared by,
/S/
Michelle Bradley, CBT
REC Networks
November 1, 2023

¹ See *Living Way Ministries, Inc.* Memorandum Opinion and Order, 17 FCC Rcd 17054, 17056 (2002) at 5. *Recon denied* 23 FCC Rcd 15070 (2008).

WZEE 84.7 dBu service contour



Proposed LPFM location – overlap zone



| Proposed Power: | | | | 0.1 kW | | | | |
|-------------------------------|------------------------|-----------|------------|--|---------------------------------------|--|-----------------------------------|--------------------------------------|
| Antenna Height AGL: | | | | 16.3 m | | | | |
| Interference Contour: | | | | 124.7 dBu | | | | |
| Artificial RX Antenna Height: | | | | 4 m | | | | |
| Antenna Type: | | | | Nicom BKG77/BKG88 - 2 bay Half-wave spacing | | | | |
| Angle Below Horizon | Antenna Relative Field | ERP in kW | ERP in dBk | Distance from Ant to Interference Contour | Distance from Ant to Artificial Plane | Field Strength in dBu @ Artificial Plane | Distance from Ant to Ground Level | Field Strength in dBu @ Ground Level |
| 5 | 0.988 | 0.098 | -10.10 | 40.34 | 141.13 | 113.82 | 187.02 | 111.38 |
| 10 | 0.952 | 0.091 | -10.43 | 38.87 | 70.83 | 119.49 | 93.87 | 117.04 |
| 15 | 0.881 | 0.078 | -11.10 | 35.97 | 47.52 | 122.28 | 62.98 | 119.84 |
| 20 | 0.791 | 0.063 | -12.04 | 32.30 | 35.96 | 123.77 | 47.66 | 121.32 |
| 25 | 0.686 | 0.047 | -13.27 | 28.01 | 29.10 | 124.37 | 38.57 | 121.92 |
| 30 | 0.577 | 0.033 | -14.78 | 23.56 | 24.60 | 124.32 | 32.60 | 121.88 |
| 35 | 0.463 | 0.021 | -16.69 | 18.91 | 21.44 | 123.61 | 28.42 | 121.16 |
| 40 | 0.354 | 0.013 | -19.02 | 14.45 | 19.14 | 122.26 | 25.36 | 119.82 |
| 45 | 0.256 | 0.007 | -21.84 | 10.45 | 17.39 | 120.28 | 23.05 | 117.83 |
| 50 | 0.174 | 0.003 | -25.19 | 7.10 | 16.06 | 117.62 | 21.28 | 115.17 |
| 55 | 0.110 | 0.001 | -29.17 | 4.49 | 15.02 | 114.22 | 19.90 | 111.77 |
| 60 | 0.061 | 0.000 | -34.29 | 2.49 | 14.20 | 109.58 | 18.82 | 107.13 |
| 65 | 0.028 | 0.000 | -41.06 | 1.14 | 13.57 | 103.21 | 17.99 | 100.76 |
| 70 | 0.007 | 0.000 | -53.10 | 0.29 | 13.09 | 91.48 | 17.35 | 89.04 |
| 75 | 0.004 | 0.000 | -57.96 | 0.16 | 12.73 | 86.86 | 16.88 | 84.42 |
| 80 | 0.008 | 0.000 | -51.94 | 0.33 | 12.49 | 93.05 | 16.55 | 90.61 |
| 85 | 0.008 | 0.000 | -51.94 | 0.33 | 12.35 | 93.15 | 16.36 | 90.70 |
| 90 | 0.009 | 0.000 | -50.92 | 0.37 | 12.30 | 94.21 | 16.30 | 91.76 |

EDUCATIONAL STATEMENT

New(LP)
Madison, Wisconsin
Channel 279LP100 (103.7 MHz)

IGLESIA PENTECOSTAL JEHOVA RAFA was established in 2017 and has been serving as a Christian Church Nonprofit Organization for more than 6 years.

As a Nonprofit organization since the beginning to now we have many objectives that are preaching and teaching biblical teaching.

A Radio Station will expand our objectives from our organization that it will be a benefit to promote topics of Biblical education with the aim of better social stability in our community.

Making the Word of God known is our greatest desire, understanding that we must give by grace what we have received by grace, to make ourselves known as a Christian nonprofit Organization.

With our radio station we will have daily programming. We will be sharing sacred music, reflections, preaching, and teachings.

Our Goal is for many lives to benefit in a special way that will help in their spiritual progress. This will help us have united and healthy families in our city.

EVIDENCE OF CURRENT CORPORATION STATUS

New(LP)
Madison, Wisconsin
Channel 279LP100 (103.7 MHz)



Wisconsin Department of Financial Institutions
Strengthening Wisconsin's Financial Future

DFI applications will be unavailable from Sunday 10/15/23 at 12:01 AM through Sunday 10/15/23 at

Search for:

IGLESIA PENTECOSTAL JEHOVA RAFA

Search Records

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[Advanced Search](#)
[Name Availability](#)

Corporate Records

IGLESIA PENTECOSTAL JEHOVA RAFA INC.

You can: [File an Annual Report](#) - [Request a Certificate of Status](#) - [File a Registered Agent/Office Update Form](#)

Vital Statistics

| | |
|-----------------------------------|--|
| Entity ID | 1028166 |
| Registered Effective Date | 10/29/2012 |
| Period of Existence | PER |
| Status | Restored to Good Standing Request a Certificate of Status |
| Status Date | 10/21/2022 |
| Entity Type | Non-Stock Corporation |
| Annual Report Requirements | Non-stock Corporations are required to file an Annual Report under s. 181.0214, WI Statutes. |

Addresses

Registered Agent Office GILBERTO FUENTES
3844 S 85TH ST
MILWAUKEE , WI 53228
[File a Registered Agent/Office Update Form](#)

LPFM POINT FACTORS

New(LP)
Madison, Wisconsin
Channel 279LP100 (103.7 MHz)

| County of transmitting antenna | Market Name | Market Rank |
|---------------------------------------|--------------------|--------------------|
| Dane, Wisconsin | Madison, Wisconsin | 89 |

The proposed facility will claim 5 points as set forth:

Established Community Presence – 1 point

The organization was created on October 29, 2012 and has remained locally in the community since then. Therefore, the applicant claims the established community presence point, pursuant to §73.872(b)(1).

Local Programming – 1 point

Applicant pledges to originate at least 8 hours of local programming, pursuant to Commission policies regarding the LPFM point system, pursuant to §73.872(b)(2).

Main Studio – 1 point

Applicant pledges to make available an accessible main studio, capable of program origination for a Applicant of 20 hours per week. Applicant claims the Main Studio point, pursuant to §73.872(b)(3).

Local Programming and Main Studio – 1 point

As both the Local Programming and Main Studio points are being claimed, the additional Local Programming and Main Studio "bonus" point is also claimed, pursuant to §73.872(b)(4).

Diversity of Ownership – 1 point

Applicant has no other attributable interests and therefore is eligible to claim the Diversity of Ownership point, pursuant to §73.872(b)(5) and Page 5 of the Second Window Notice.

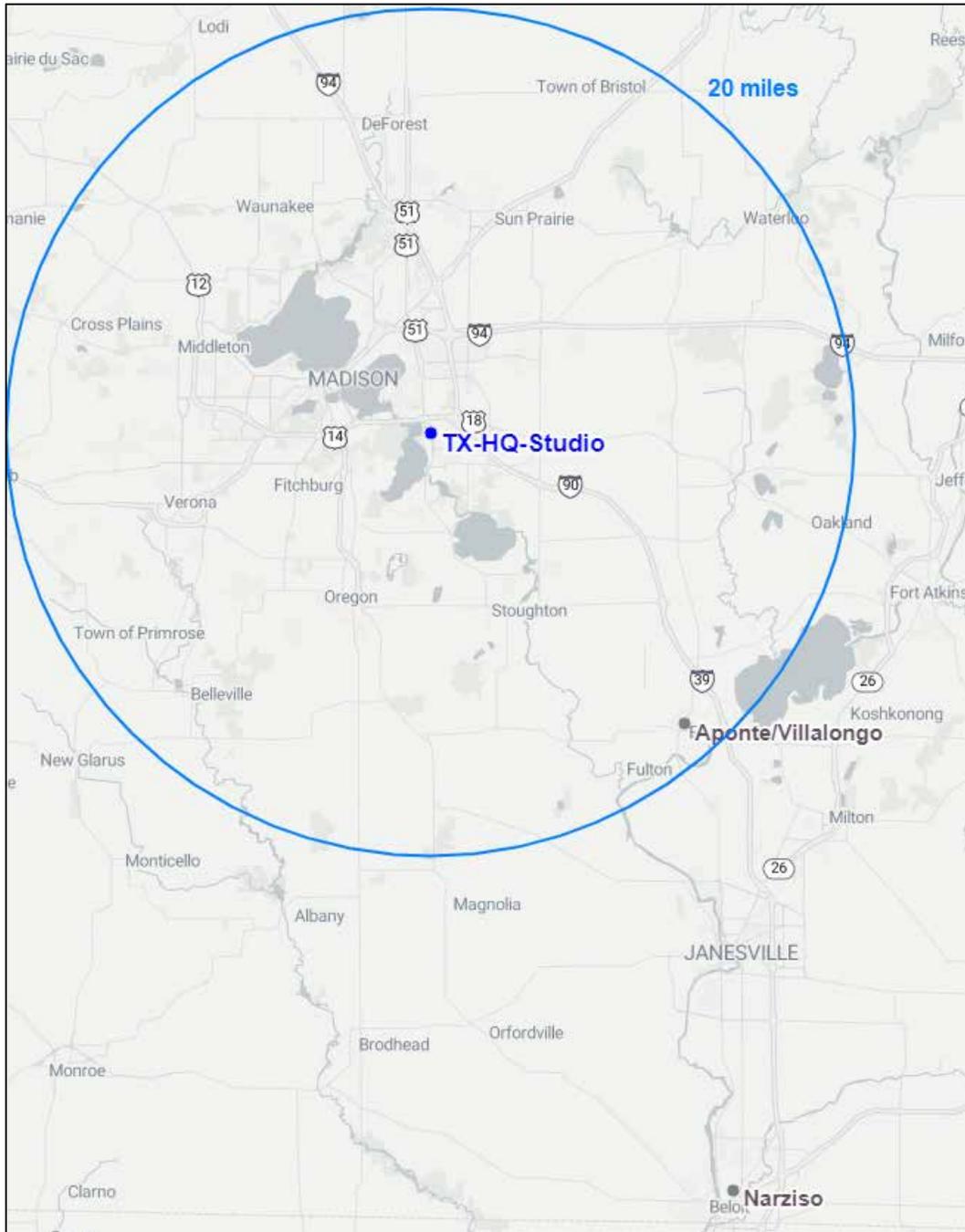
Prepared by,

/S/
Michelle Bradley, CBT
REC Networks

November 1, 2023

LOCALISM

New(LP)
Madison, Wisconsin
Channel 279LP100 (103.7 MHz)



Headquarters and main studio are co-located with the transmitter site.
66.6% of board membership resides within 20 miles of the transmitter site.