



United States of America
FEDERAL COMMUNICATIONS COMMISSION
AM BROADCAST STATION LICENSE

Authorizing Official:

Official Mailing Address:

CAPITAL BROADCASTING, INC.
 20 CORPORATE WOODS BLVD
 ALBANY NY 12211

Son Nguyen
 Supervisory Engineer
 Audio Division
 Media Bureau

Facility Id: 40768

Call Sign: WGDJ

License File Number: BL-19811118AD

Grant Date:

This license expires 3:00 a.m.
 local time, June 01, 2014.

This license covers permit no.: BP-19791105AI

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 set forth in this license, the licensee is hereby authorized to use and operate the radio transmitting apparatus herein described.

This license is issued on the licensee's representation that the statements contained in licensee's application are true and that the undertakings therein contained so far as they are consistent herewith, will be carried out in good faith. The licensee shall, during the term of this license, render such broadcasting service as will serve the public interest, convenience, or necessity to the full extent of the privileges herein conferred.

This license shall not vest in the licensee any right to operate the station nor any right in the use of the frequency designated in the license beyond the term hereof, nor in any other manner than authorized herein. Neither the license nor the right granted hereunder shall be assigned or otherwise transferred in violation of the Communications Act of 1934. This license is subject to the right of use or control by the Government of the United States conferred by Section 606 of the Communications Act of 1934.

Hours of Operation: Unlimited

Average hours of sunrise and sunset:
 Local Standard Time (Non-Advanced)

Jan.	7:30 AM	4:45 PM	Jul.	4:30 AM	7:30 PM
Feb.	7:00 AM	5:30 PM	Aug.	5:00 AM	7:00 PM
Mar.	6:15 AM	6:00 PM	Sep.	5:30 AM	6:00 PM
Apr.	5:15 AM	6:30 PM	Oct.	6:00 AM	5:15 PM
May	4:30 AM	7:15 PM	Nov.	6:45 AM	4:30 PM
Jun.	4:15 AM	7:30 PM	Dec.	7:15 AM	4:15 PM

Callsign: WGDJ

License No.: BL-19811118AD

Name of Licensee: CAPITAL BROADCASTING, INC.

Station Location: RENSSELAER, NY

Frequency (kHz): 1300

Station Class: B

Antenna Coordinates:

Day

Latitude: N 42 Deg 35 Min 23 Sec

Longitude: W 73 Deg 44 Min 37 Sec

Night

Latitude: N 42 Deg 35 Min 23 Sec

Longitude: W 73 Deg 44 Min 37 Sec

Transmitter(s): Type Accepted. See Sections 73.1660, 73.1665 and 73.1670 of the Commission's Rules.

Nominal Power (kW): Day: 5.0 Night: 5.0

Antenna Input Power (kW): Day: Night:

Antenna Mode: Day: DA Night: DA

(DA=Directional Antenna, ND=Non-directional Antenna; CH=Critical Hours)

Current (amperes): Day: Night:

Resistance (ohms): Day: Night:

Antenna Registration Number(s):

Day:

Tower No.	ASRN
1	None
2	None
3	None
4	None

Night:

Tower No.	ASRN
1	None
2	None
3	None
4	None
5	None
6	None

DESCRIPTION OF DIRECTIONAL ANTENNA SYSTEM

Theoretical RMS (mV/m/km): Day: 696.85 Night: 745.13

Standard RMS (mV/m/km): Day:

Augmented RMS (mV/m/km): Night:

Q Factor: Day: Night:

Theoretical Parameters:

Day Directional Antenna:

Tower No.	Field Ratio	Phasing (Deg.)	Spacing (Deg.)	Orientation (Deg.)	Tower Ref Switch *	Height (Deg.)
1	1.0000	0.000	0.0000	0.000	0	90.0
2	0.4000	-125.000	90.0000	340.000	0	90.0
3	0.5000	-87.500	175.0000	40.000	0	90.0
4	0.3000	155.000	233.4000	20.500	0	90.0

* Tower Reference Switch

- 0 = Spacing and orientation from reference tower
- 1 = Spacing and orientation from previous tower

Theoretical Parameters:

Night Directional Antenna:

Tower No.	Field Ratio	Phasing (Deg.)	Spacing (Deg.)	Orientation (Deg.)	Tower Ref Switch *	Height (Deg.)
1	0.5050	158.600	0.0000	0.000	0	90.0
2	1.0000	0.000	90.0000	340.000	0	90.0
3	0.5960	-143.500	180.0000	340.000	0	90.0
4	0.4040	111.200	151.5800	70.900	0	90.0
5	0.7980	-47.400	175.0000	40.000	0	90.0
6	0.4770	169.100	233.4000	20.500	0	90.0

* Tower Reference Switch

- 0 = Spacing and orientation from reference tower
- 1 = Spacing and orientation from previous tower

Augmentation Parameters:

Aug No.	Central Azimuth (Deg. T)	Span (Deg.)	Radiation at Central Azimuth (mV/m @ 1 km)
1	246.4	30.0	80.47

*** END OF AUTHORIZATION ***