

USDA Forest Service Technical Data Communication Type Land Use (Ref. FSM 2700)	INSTRUCTIONS: Applicant completes system items 1 to 16, and submit this form, license(s), along with an application to place communication equipment on National Forest System land. This form is authorized by Federal Land Policy and Management Act of 1976, P. L. 94-579 to evaluate the requested use and no authorization may be issued unless this form is completed.
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1. Applicants's Name: Bonneville Power Administration (BPA)
 Street Address: 86000 HWY 99 South
 City State & Zip Ccde: Euegene, Oregon 97405
 Telephone Number: (541) 988 - 7432

2. Location Applied For:
Site Name: Antelope Communication Site at Pine Mountain
Forest: Deschutes National Forest
District: Bend - Fort Rock Ranger District

3. Technical Data:

a. License number and call sign	<u>085288</u> <u>085289</u> <u>085257</u> <u>085258</u> <u>095186</u> <u>085256</u>
b. Date license issued	<u>8/11/2008</u> <u>8/11/2008</u> <u>6/23/2008</u> <u>6/23/2008</u> <u>4/13/2009</u> <u>6/23/2008 Respectively</u>
c. FCC/NTIA eligibility	<u>NTIA</u>
d. Class of service (FCC/NTIA symbol)	<u>FIXED</u>
e. Type of emission (FCC/NTIA symbol)	<u>30MOOD7W</u>
f. Transmit output power (watts)	<u>1</u>
g. Transmit output (Effective Radiated Power)	<u>To Sand Springs 66dB, to Grizzly Mnt 78, to Dead Indian 78</u>
h. CTCSS control tone (Hz)	<u>Critical and Sensitive Information – Not for General Release</u>
i. Receive frequency crystal	<u>Critical and Sensitive Information – Not for General Release</u>
j. Receiver IF frequency 1	<u>Critical and Sensitive Information – Not for General Release</u>
frequency 2	<u>Critical and Sensitive Information – Not for General Release</u>
k. Receive frequency	<u>Critical and Sensitive Information – Not for General Release</u>
l. Transmit frequency crystal	<u>Critical and Sensitive Information – Not for General Release</u>
Multi 1	<u>Critical and Sensitive Information – Not for General Release</u>
Multi 2	<u>Critical and Sensitive Information – Not for General Release</u>
Multi 3	<u>Critical and Sensitive Information – Not for General Release</u>
Multi 4	<u>Critical and Sensitive Information – Not for General Release</u>
Output	<u>Critical and Sensitive Information – Not for General Release</u>

4. Control Method: Wireline Radio Link Local
Repeater Microwave Other

5. Control Frequency Critical and Sensitive Information – Not for Release

6. Antenna Type: Omnidirectional Directional Polarization Gain 10'-45, 8'-43 dB
Height to top of antenna from ground level 1. 28, 2. 355, 3. 178 ft.; Dish Diameter 1. 6, 2 & 3. 10 ft.
Beam path width 1. 1.5, 2 & 3. 0.9 deg.; Azimuth 1. 171, 2. 355, 3. 178 deg.; Tilt 1. -2, 2. -4, 3. -1 +/- deg.;
Name of place beam goes to: 1. Sand Springs, 2. Grizzly Mnt, 3. Dead Indian
Beam path length 1. 33739.2, 2. 229838.4, 3. 301963.2 ft.

7. Tower Type: Pole – Guyed Self-Supporting Height 80 ft.
Metal – Guyed Self-Supporting Height _____ ft.

8. Ground elevation above sea level at the base of the tower 6140 ft.

9. Tower: Latitude: 43 48 40.97N Longitude 121 52 28.9W

10. Chief Engineer or Service company: Henry Macias – Bonneville Power Administration

Street Address: 2447 Main Street

City Malin

State Oregon

Zip Code 97632

Phone Number (541) 723 - 2325

Emergency Number (360) 418 - 2286

11. Will station have commercial power? Yes No

12. Will station have standby power plant? Yes No

13. Will station have commercial telephone? Yes No

Area code and Phone number () -

14. Attached (check appropriate block(s)) :

- Current FCC License/NTIA Radio Frequency Authorization
Critical and Sensitive Information – Not for General Release
 FCC License Application
 FCC Construction Permit with Land Owner (FS) sign-off

15. Additional Information:

The frequencies being used by BPA are in a restricted government 7-8GHz band and cannot be released for general information. Authorized users with access to the NTIA database can view the specifics of the license.

NOTICE: Title 18, U.S.C. Section 1001, makes it a crime for any person to knowingly and willfully make any false, fictitious, or fraudulent statements or representations to matters under the jurisdiction of the United States Government.

16. Applicant's Signature: David H. Shipp Title: Project Manager Date: 5/10/2010 (m/dd/yyyy)

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