

Federal Communications Commission

FM BROADCAST STATION CONSTRUCTION PERMIT

Permittee

Educational Media
Foundation
5700 WEST OAKS BLVD.
Rocklin, CA, 95765

Call Sign

KLHE

Facility ID

767291

File Number 0000189729	This Permit Modifies License File No. 0000166865	
Filing Date 04/26/2022	Grant Date 06/15/2022	Expiration Date 12/20/2024

Community of License City: HILO State: HI	Frequency (MHz) 88.1	Station Channel 201	Station Class A
Hours of Operation: Unlimited			
Facility Type: Noncommercial Educational			

Transmitter Certified for Compliance. See Sections 73.1660, 73.1665 and 73.1670 of the Commission's Rules.	Transmitter Output Power As required to achieve authorized ERP.
Antenna Type Non-Directional	Antenna Coordinates (NAD 83) Latitude 19-43-45.0 N Longitude 155-1-22.0 W
Major Lobe Directions Not Applicable	

	Horizontally Polarized Antenna	Vertically Polarized Antenna
Effective Radiated Power in the Horizontal Plane (kW)	1.6	1.6

Height of Radiation Center Above Ground (meters)	29	29
Height of Radiation Center Above Mean Sea Level (meters)	38	38
Height of Radiation Center Above Average Terrain (meters)	-34	-34

Antenna Structure Registration Number 1026418	Overall Height of Antenna Structure Above Ground (meters) See the registration for this antenna structure.
---	--

Obstruction Marking and Lighting Specifications for Antenna Structure See the registration for this antenna structure.
--

Special Operating Conditions or Restrictions The permittee/licensee in coordination with other users of the site must reduce power or cease operation as necessary to protect persons having access to the site, tower or antenna from radiofrequency electromagnetic fields in excess of FCC guidelines.

Subject to the provisions of the Communications Act of 1934, as amended, subsequent acts and treaties, and all regulations heretofore or hereafter made by this Commission, and further subject to the conditions set forth in this permit, the permittee is hereby authorized to construct the radio transmitting apparatus herein described. Installation and adjustment of equipment not specifically set forth herein shall be in accordance with representations contained in the permittee's application for construction permit except for such modifications as are presently permitted, without application, by the Commission's Rules(See Section 83.875).

Pursuant to Section 73.3598, this Construction Permit will be subject to automatic forfeiture unless construction is complete and application for license is filed prior to expiration.

Equipment and program tests shall be conducted only pursuant to Sections 73.1610 and 73.1620 of the Commission's Rules.