

EAST KENTUCKY POWER COOPERATIVE, INC.  
CASE NO. 2022-00314  
SECOND REQUEST FOR INFORMATION RESPONSE

STAFF'S REQUEST DATED 12/1/2022

REQUEST 11

RESPONSIBLE PARTY: Lucas Spencer

**Request 11.** Explain what the conductor blow-out requirements are and how they affect the ROW requirements for this project as proposed in its entirety.

**Response 11.** The conductor blow-out requirements are to maintain National Electric Safety Code ("NESC") clearances when wire is displaced by wind. There are no NESC standards that define the width of a transmission right-of-way, however, good utility practice is to keep the conductor within the right-of-way under the blow-out conditions outlined in NESC 234A-2 defined as a 6psf (48-mph) wind. The affect of this requirement on the ROW width for this project is to assure that adequate ROW width combined with the structure details and design result in no NESC violations under "blow-out" conditions. It is important to note that this is not the only requirement addressed when determining ROW width. Access to the structures, adequate space for construction and maintenance activities, adequate width for vegetation control, etc also contribute to the determination of the ROW width.