

September 13th, 2024

To: Charlie Ybarra.  
Senior Engineer, HV Development  
AES Clean Energy | The AES Corporation

From: Krishna Patel, PE

RE: Rancho Viejo CUP Application – Transmission Line Structures

Dear Santa Fe County Team,

The Rancho Viejo Solar Project design, which includes but is not limited to, a 50 feet H-frame and 70 feet monopole is designed in conformance with Exhibit 150A (Sustainable Land Development Code) Chapter 7 section 7.12.1.3 within Santa Fe County, New Mexico utilities.

The structure height is necessary to maintain adequate clearances and separation for National Electric Safety Code (NESC) safety requirements. The rules contained in the NESC are provided for the practical safeguarding of people and utility facilities during the installation, operation, and maintenance of electrical supply and communication facilities. The NESC is a standard published by the Institute of Electronic Engineers (IEEE) and is a recognized standard for utility safety. The typical height of structures, for the Rancho Viejo Solar Project, is approximately 50 feet to 70 feet which abides by NESC standards. The height of the Rancho Viejo Structures is designed at the minimum height necessary for the proposed structures to function properly for public health, safety and welfare.



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