

CASE STUDY

Preliminary Design Services and Owner's Engineer Support for AES Mexico's Mesa La Paz Project

EPE played a pivotal role in the Mesa La Paz project, a 306 MW wind initiative in Tamaulipas, Mexico. The project involved EPE providing crucial preliminary design services and owner's engineer support.

CHALLENGE

The project faced challenges inherent in the preliminary design phase, EPC bid evaluations, and the comprehensive review of civil and electrical engineering designs. Coordination and support through various technical meetings and the forensic assessment of project roads demanded a meticulous approach to ensure the project's success and alignment with AES Mexico's standards.



SOLUTION

EPE addressed the challenges by leveraging its expertise in preliminary design services, bid evaluations, and detailed engineering reviews. The team provided comprehensive support in substation design, ensuring adherence to project specifications.

Active participation in technical meetings and continuous support throughout the construction phase facilitated seamless project execution. The forensic assessment of project roads involved a detailed examination to ensure optimal infrastructure integrity.

RESULTS

The collaboration resulted in the successful development of the Mesa La Paz wind project. EPE's contributions in preliminary design, bid evaluations, and engineering reviews played a crucial role in the project's progress and adherence to quality standards. The technical support provided throughout construction ensured smooth implementation, and the forensic assessment of project roads contributed to the project's overall reliability and success in Tamaulipas, Mexico.