



Distributed Capacity:

A Tribally Owned Microgrid at the Grid-Edge

Developer:
BoxPower Inc.

Project Status:
In Development

Contact:
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The Solution

BoxPower is partnering with the Tribe to deliver a utility-scale project that advances Tribal energy resilience and long-term ownership of critical energy infrastructure. The project includes solar, battery energy storage, and multiple new miles of distribution infrastructure interconnected with the existing utility system.

BoxPower is responsible for engineering, procurement, construction, commissioning, and the DER controls platform supporting reliable grid-connected operation and future system expansion.

The Problem

A tribal reservation spans 1.5 million acres across northeastern Arizona and is served by a single long radial distribution feeder from their local utility. Located at the end of the line, the Tribe experiences reliability challenges common to remote electric systems, including longer outage restoration times, voltage fluctuations, and limited operational flexibility.

The Tribe sought to strengthen Tribal ownership of critical energy infrastructure while improving long-term resilience and operational control.



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