

Legacy Equity Partners

<u>Team Member Name</u>	<u>Year</u>	<u>Major</u>
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Topic Title: Recharging Reservations: Bridging the Energy Gap through Tribal Partnerships

Audience: Alphabet Inc. Board of Directors

Sustainable Development Goal

SDG #7: Ensure access to affordable, reliable, sustainable, and modern energy for all.

SDG #10: Reduce inequality within and among countries.

Executive Summary

Tribal reservations experience some of the most severe energy inequities in the United States. Power outages occur approximately 6.5 times more frequently than the national average, and households face energy burdens nearly 28% higher than typical U.S. consumers. Although major transmission lines and energy infrastructure run across or near tribal lands, many communities remain under-connected to reliable, affordable power. At the same time, artificial intelligence (AI) infrastructure is expanding rapidly. Google has committed tens of billions of dollars to scale data centers, significantly increasing long-term electricity demand.

This moment presents both a challenge and an opportunity. AI expansion requires stable, cost-effective clean energy, while tribal nations seek resilient systems that support economic self-determination. We recommend that Google establish structured energy partnerships with tribal nations to co-develop renewable generation, battery storage, and grid modernization projects. By investing alongside tribes and prioritizing ownership equity and workforce development, Google can secure reliable clean power while helping close persistent energy gaps.

Aligning AI growth with tribal energy development strengthens grid resilience, creates local jobs, and advances access to affordable, sustainable power. Through intentional collaboration, Google can support its net-zero goals while reducing infrastructure inequality and demonstrating that technological expansion and energy equity can progress together.