



Pueblo of Acoma
HAAKU

Enhancement of Pueblo of Acoma Utility Authority

Presented by:

Raymond Concho Jr., 1st Lieutenant Governor

Arvind Patel, Utility Authority Executive Director



Agenda

- Background
- Project Overview
- Future Plans



Pueblo of Acoma

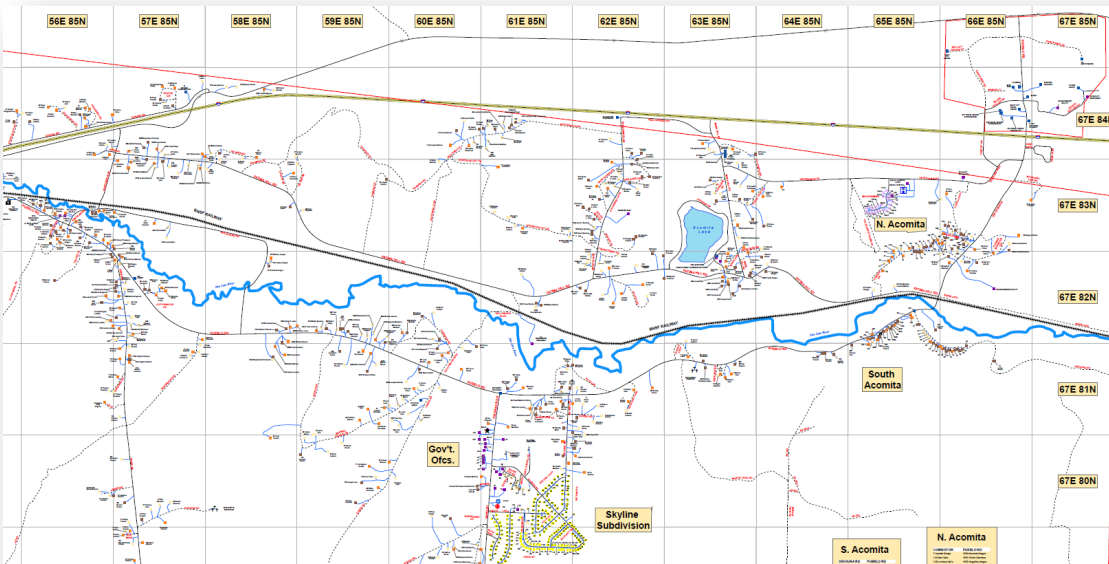


- One of nineteen Pueblos in New Mexico
- 5,196 enrolled tribal members 2,906 are on Acoma Tribal Lands
- Tribal Leadership is appointed annually by traditional leaders of the Pueblo.
- “Oldest continuously inhabited village in North America”



Pueblo of Acoma

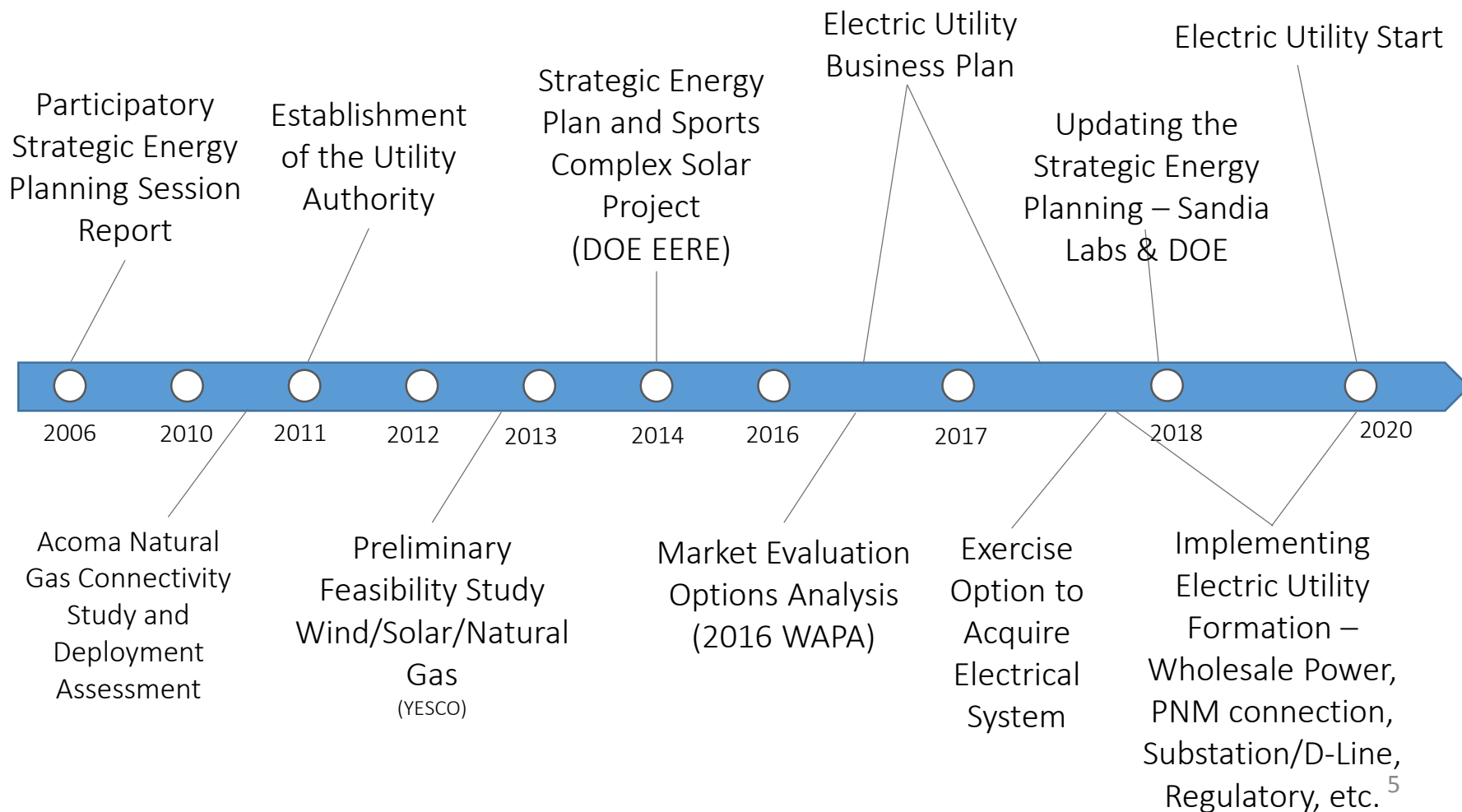
- 55 miles west of Albuquerque in west central NM
- 5,612 – 7068 ft. above sea level, high mountain desert
- 800,000 acres of trust and fee land, but the vast majority of this land is considered open range
- Tribal boundaries are contiguous, few checker board areas
- In the recent years the Pueblo has acquired lands adjacent to the current boundaries





Pueblo of Acoma Energy

Acoma has been pursuing energy alternatives since 2006

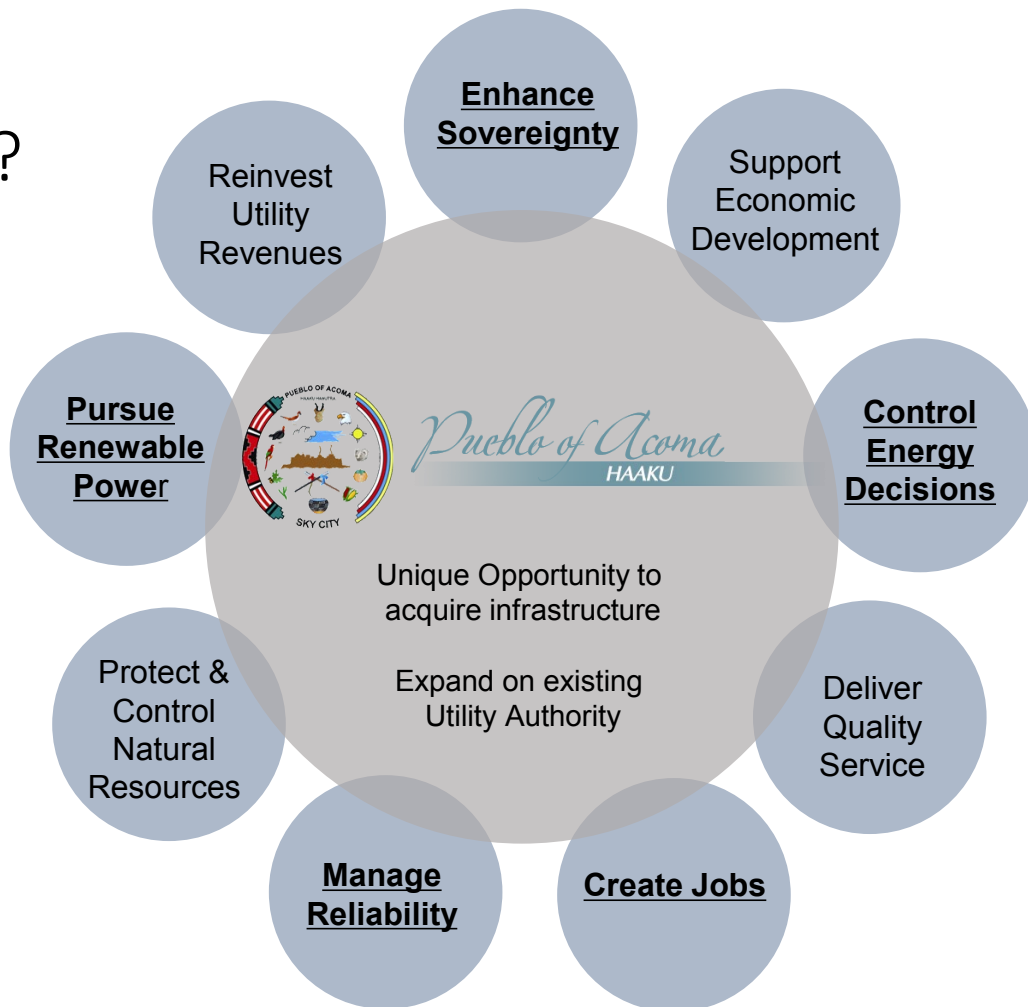




Tribal Electric Utility Formation

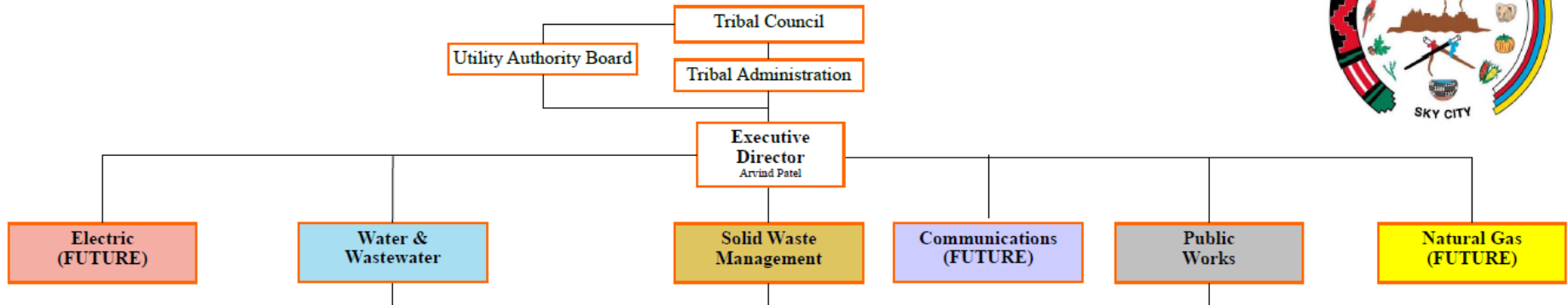
In 2016, Acoma prioritized electric utility formation

Why?



Pueblo of Acoma Utility Authority

2018 Utility Authority Organization Chart

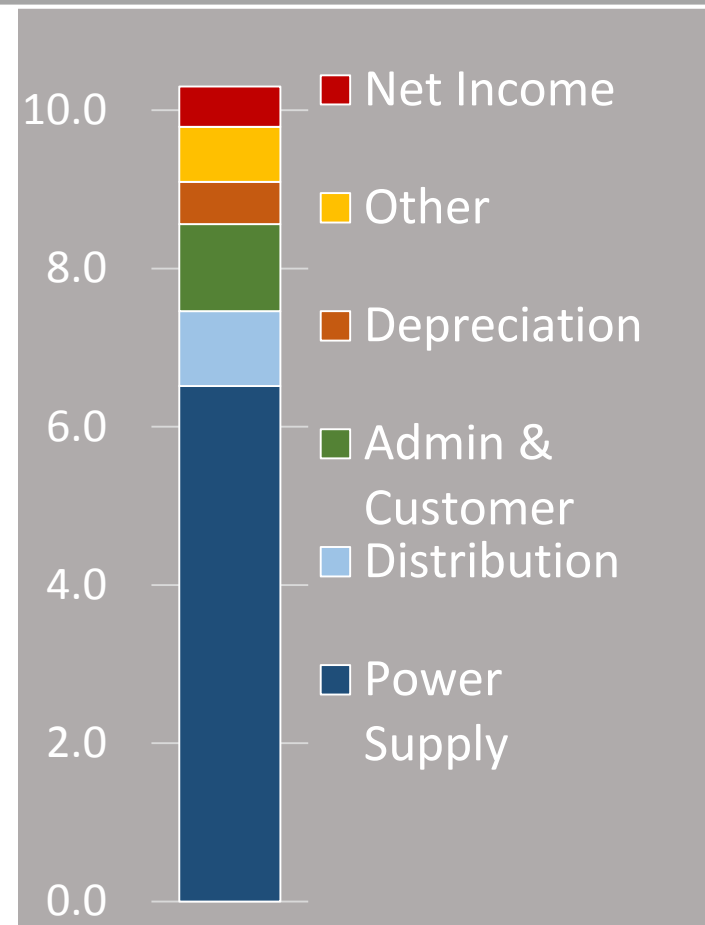




Pueblo of Acoma Electrification

- As a result of a decade long trespass claim and subsequent settlement agreement struck in 2014, the Pueblo of Acoma will acquire the electrical facilities located within tribal boundaries from our local coop.
- We are continuing to work with our local electrical coop on system separation issues:
 - Keeping both system whole
 - Reliability, including backup power
 - Operating agreements/coordination
 - Cost for equipment, materials and labor for separation
 - Purchase and Sales Agreement
 - Joint presentation to the NM PRC

Acoma's Current Average Retail Payment 10.6 Cents per kWh



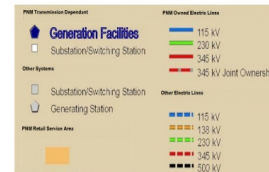


Pueblo of Acoma Electrification

- Building a new 7MVA substation
- Average annual power usage is 17.5 million kWh
- Annual peak load is 3MW
- Acquiring 88 miles of distribution lines
- Building 9 miles of distribution line for the Pueblo of Acoma system
- Building ~1.5 miles of distribution line for the incumbent coop

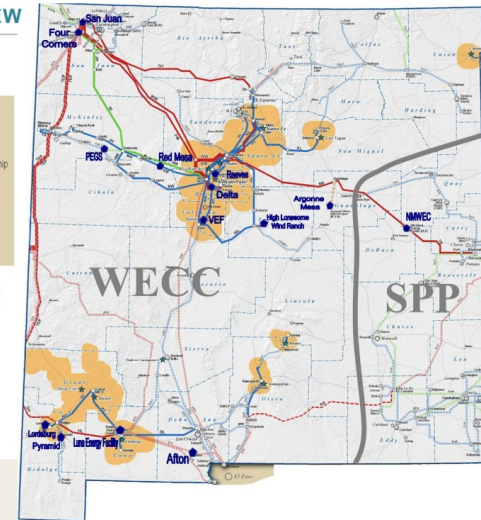
Transmission System Uses

SYSTEM MAP OVERVIEW

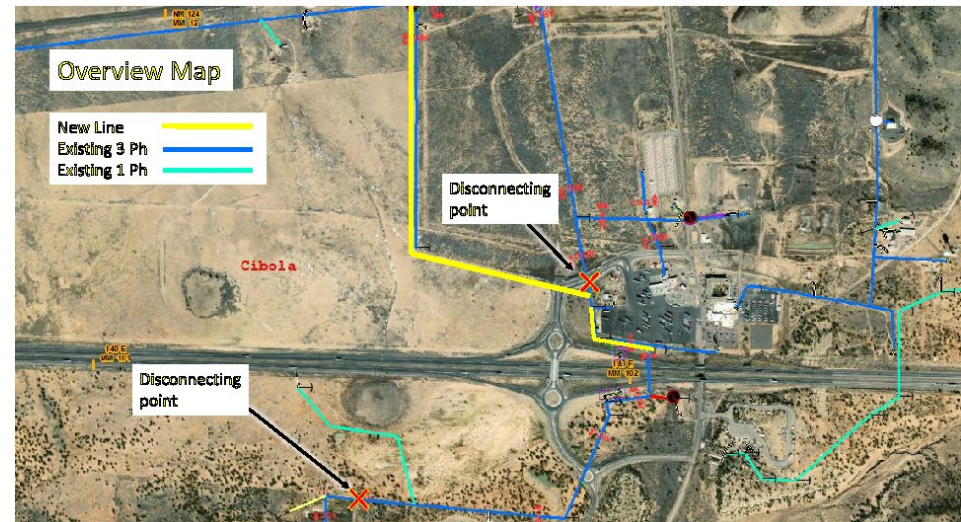


➤ Lines shown in red are the primary backbone transmission lines in NM

➤ Lower voltage lines provide a portion of the transmission capability to delivery resources and distribute power to outlying smaller load areas distant from Albuquerque and El Paso

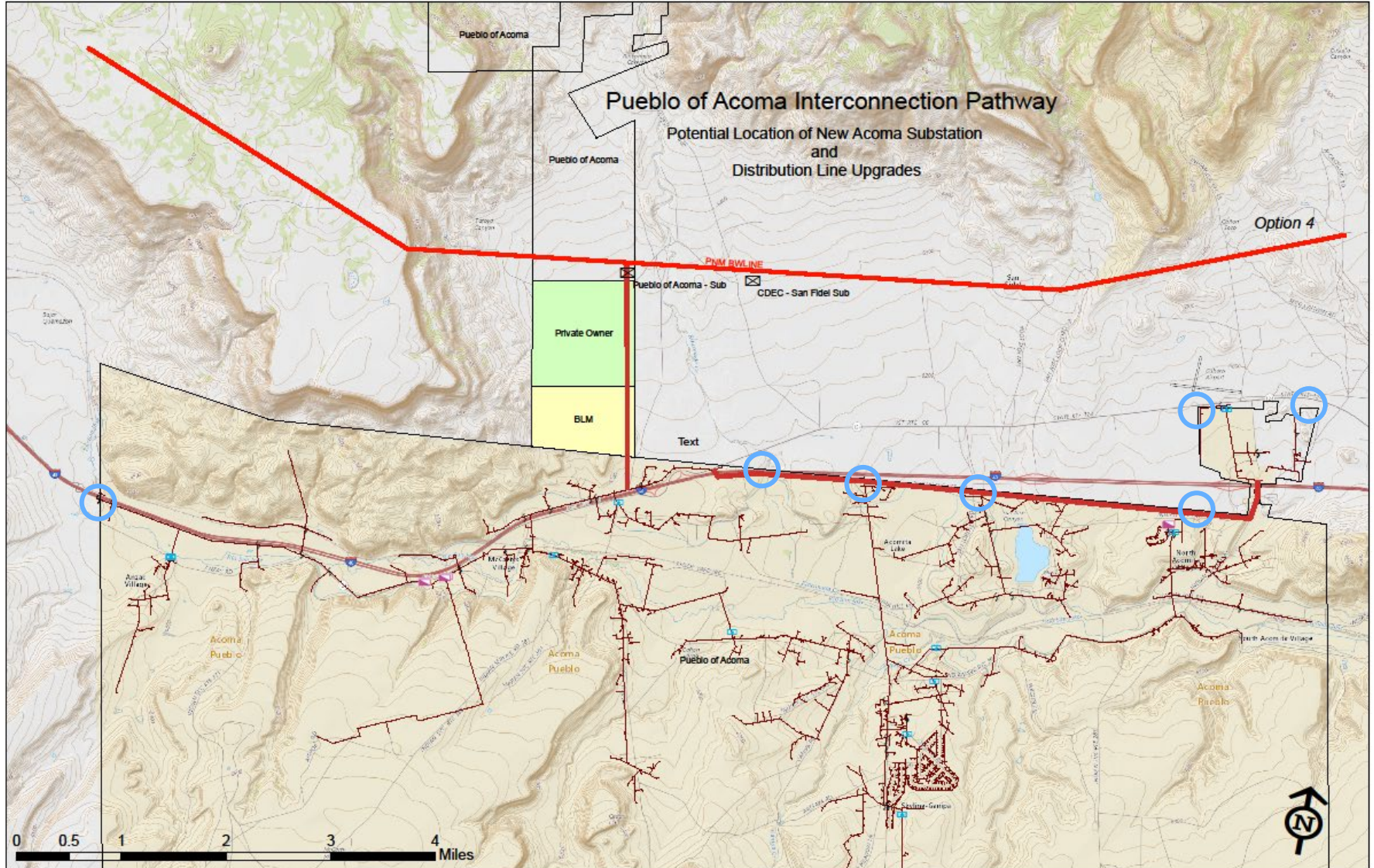


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Pueblo of Acoma Electrification



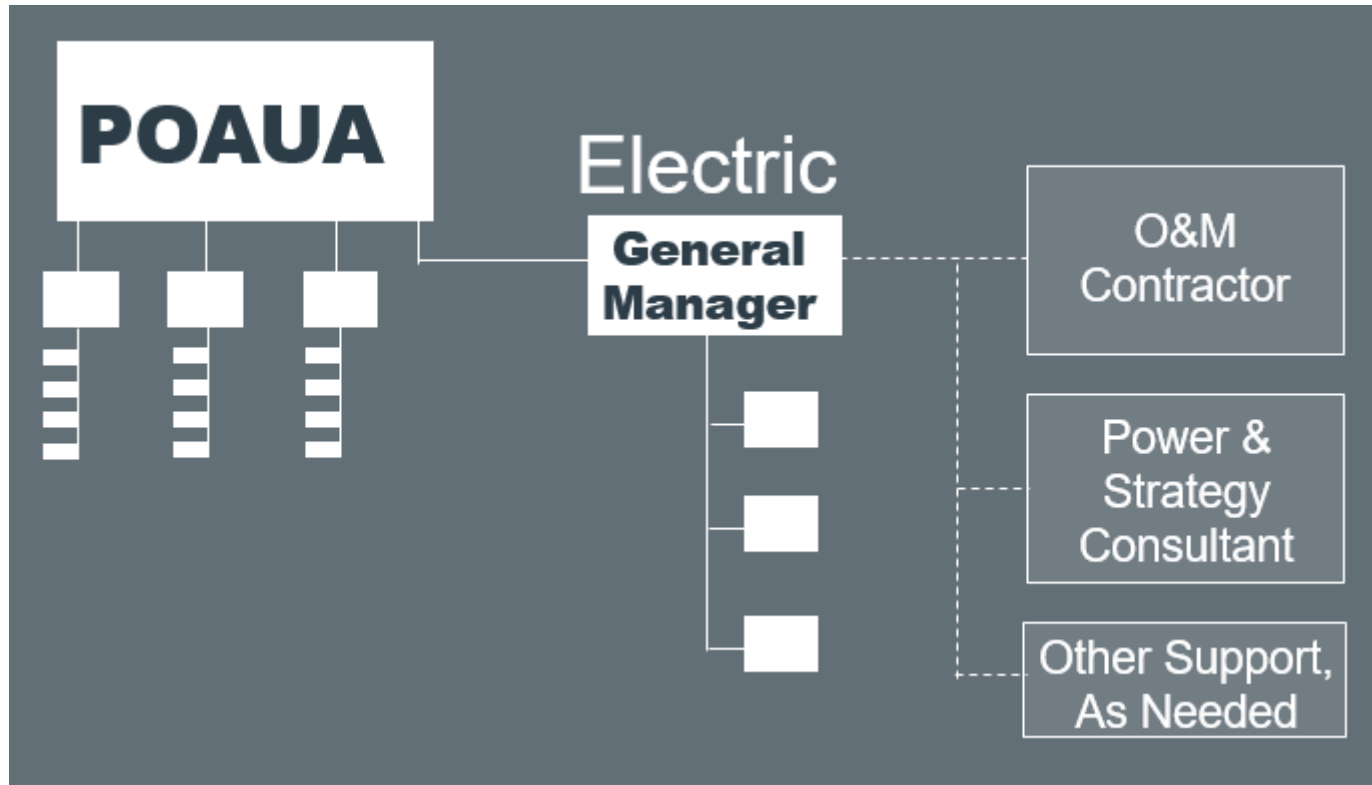


Project Overview

Develop
Structure

Develop
People

Develop
Operations





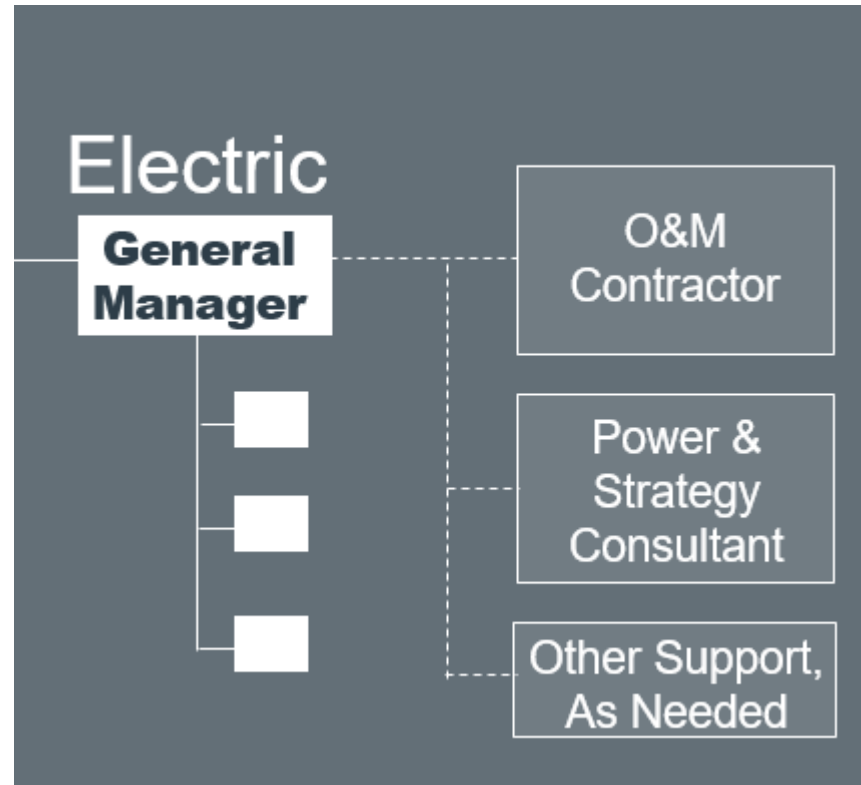
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- Identify Staffing Needs Based on Existing Capabilities
- Roles and Responsibilities
- Job Descriptions & SOP's
- Hire and Train Key Staff
- Capacity Development Goals





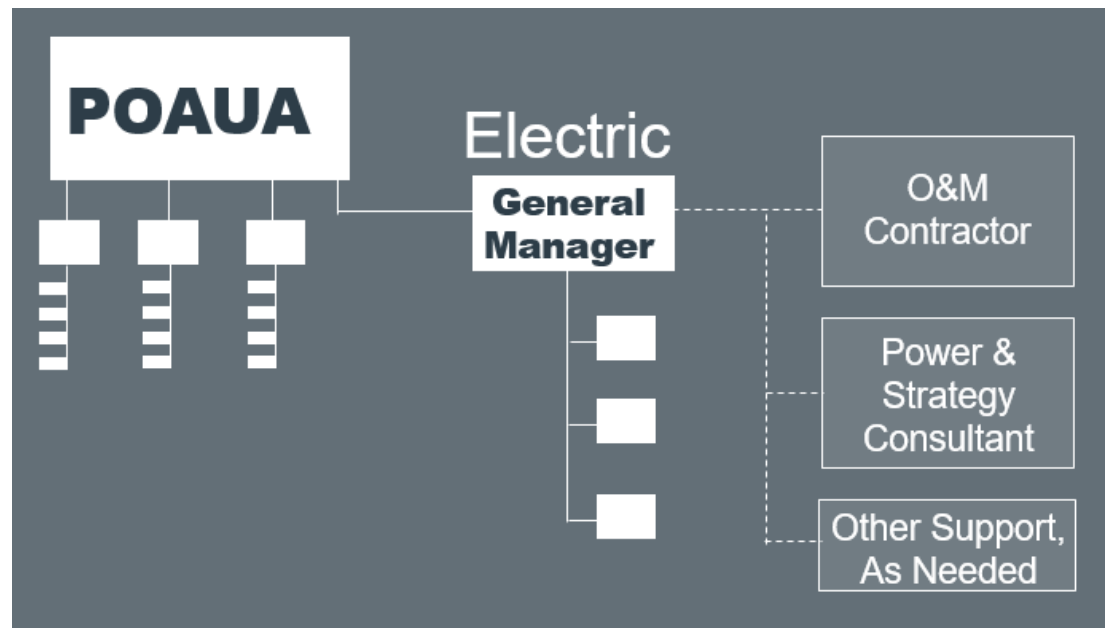
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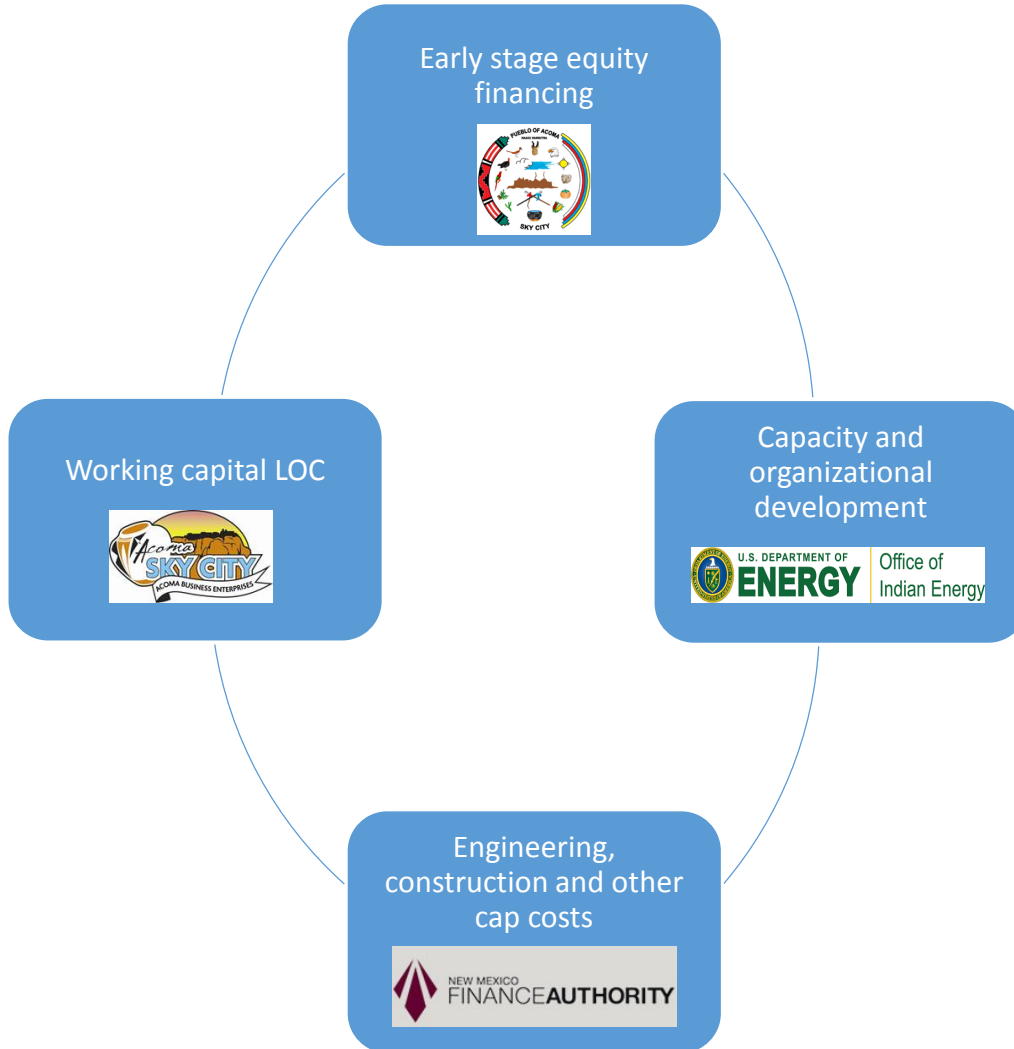
Develop
Operations

- Operations and Maintenance Plan
 - Focus on reliability
 - Manage and prioritize investments in system improvements
 - Incumbent utility hasn't re-invested into the system in decades
- Five-year Utility Strategy
 - What activities should be prioritized?
 - Transition to internal O&M
 - Position utility to support economic development goals





Funding

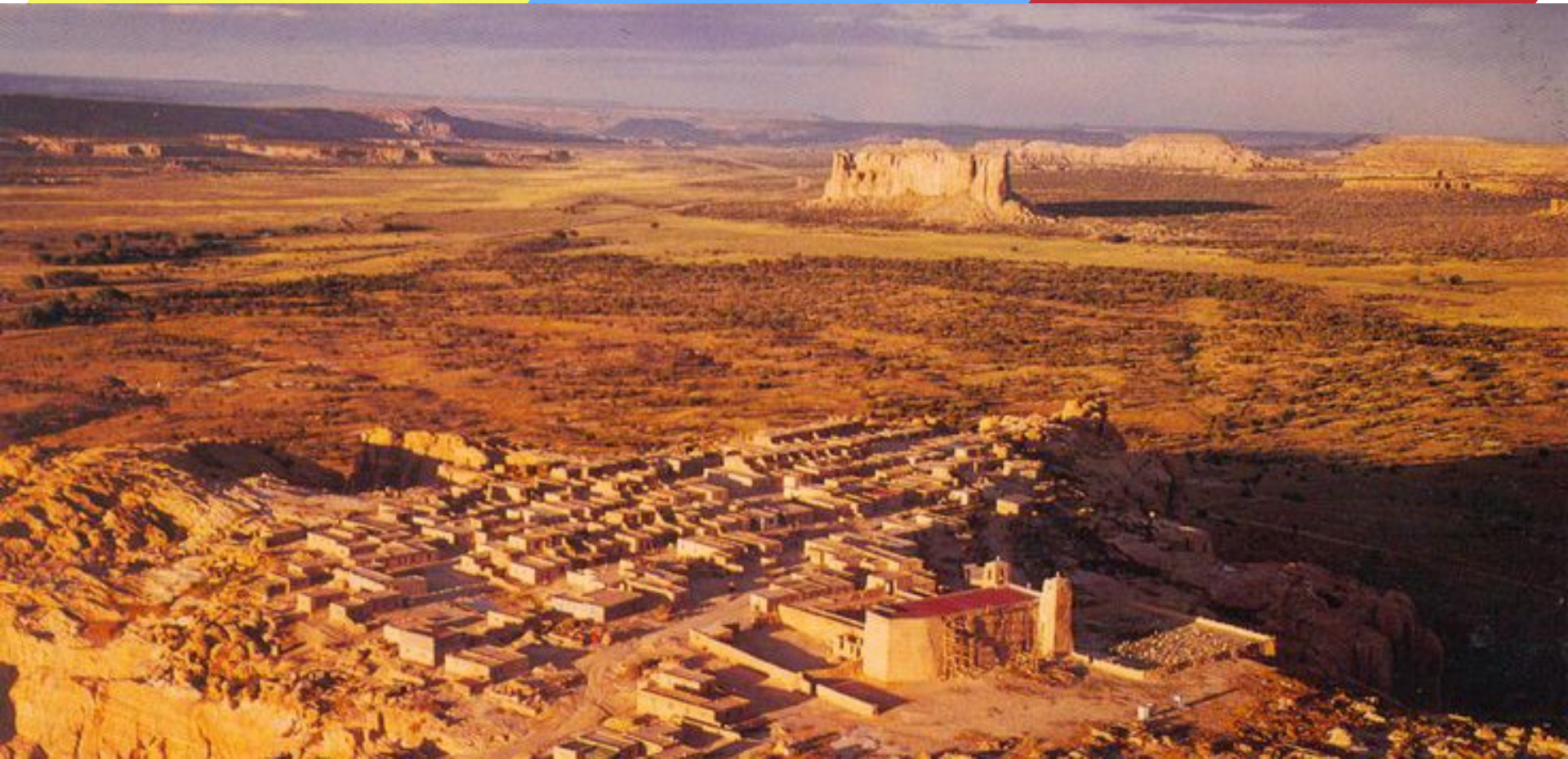


- Initial Formation Assessments/Due diligence (Dec 16-Dec 17) - \$575,000
- Formation Capitalized Costs (Jan 18 – Dec 19) - \$4,700,000
- Capacity and organizational development (Dec 17 – Dec 19) - \$187,000
- Non Capitalized Costs (Jan 20 – April 20) - \$500,000

Overall Project Cost for Establishment of the Acoma Electric Utility - \$6.0 Million 14



Future Plans



Renewable Generation, Community Wide Natural Gas
& Broadband Deployment



Project Partners



PUEBLO OF ACOMA TRIBAL COUNCIL,
GOVERNOR'S OFFICE AND THE UTILITY
AUTHORITY BOARD



Pueblo of Acoma
HAAKU

Utility Authority - Water/Wastewater & Solid Waste



U.S. DEPARTMENT OF
ENERGY

Office of
Indian Energy



STELZNER • WINTER • WARBURTON
FLORES • SANCHEZ • DAWES P.A.





Pueblo of Acoma
HAAKU

Thank You!

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