



Community- Wide EV Charging Plan

March 2026





Key Revisions to Address Equitable Charging

Multi-Family Equitable Charging



Projected load considers required power at multi-family housing for future charging



While charging won't look the same, load will be available for other strategies like Light Post Charging

Access to Public Charging



Stantec's model considers suitability based on nearby users (regardless of residency type)



Community Feedback was considered to include additional sites



Additional sites: **Residential areas (+4)** and **White Rock**

Education/Engagement



- Two in-person sessions
- Report open to public comments



Additional locations were added to White Rock (sites were had been identified as suitable in the model)



Added Clarity on Prioritization of Multi-Family Housing

Reaching Equitable Charging:

- Multi-Family housing has always driven suitability in the model
- Suitable locations are near where people cannot charge at home
- Recently expanded locations in the northern portion of the community
- Included acknowledgement of Light Post Charging in report



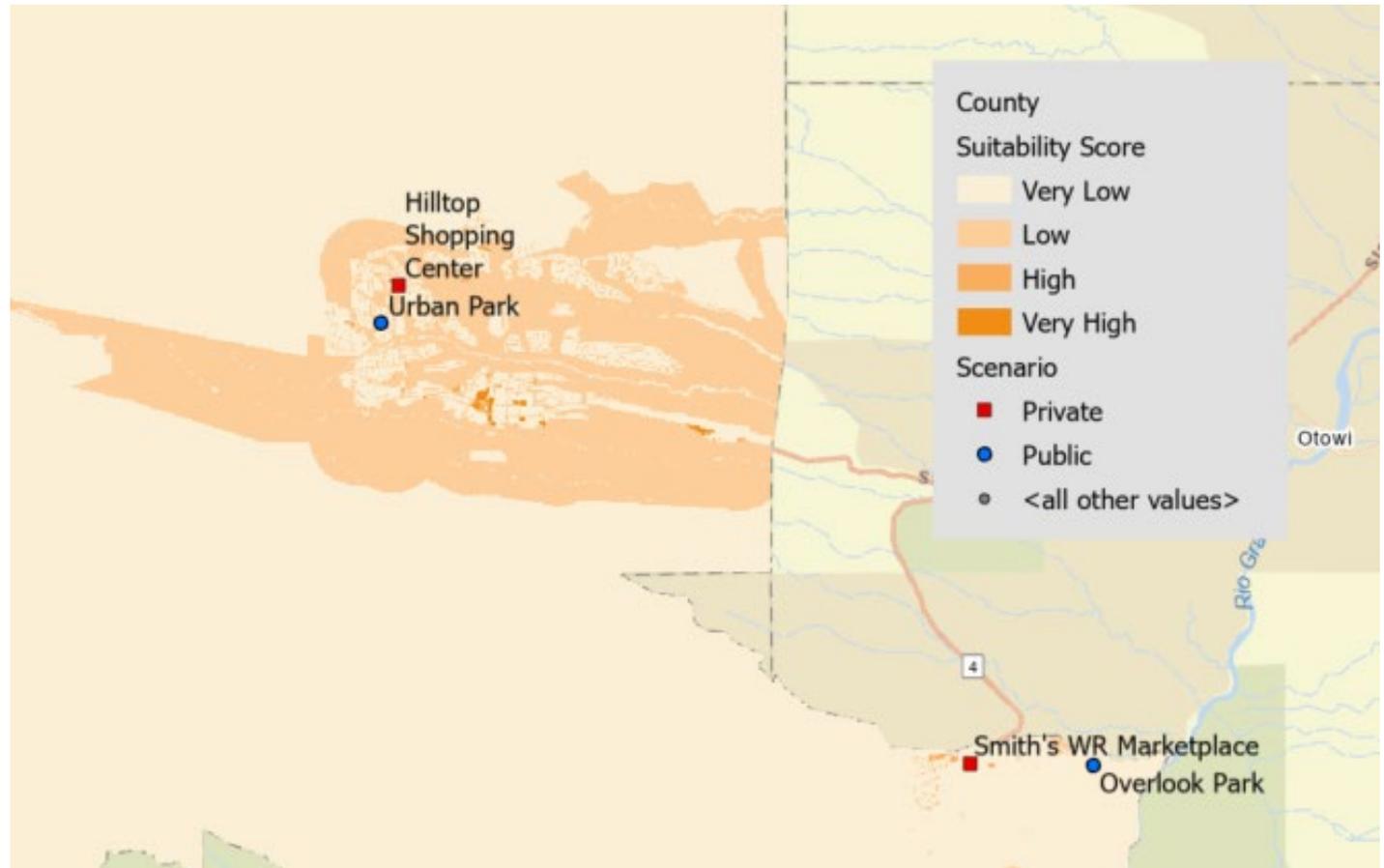
Sample map shows downtown Los Alamos and residential North Community



Added More Charging in Residential Areas

Reaching Equitable Charging:

- Urban Park
- Hilltop Shopping Center
- Smith's in White Rock
- Overlook Park

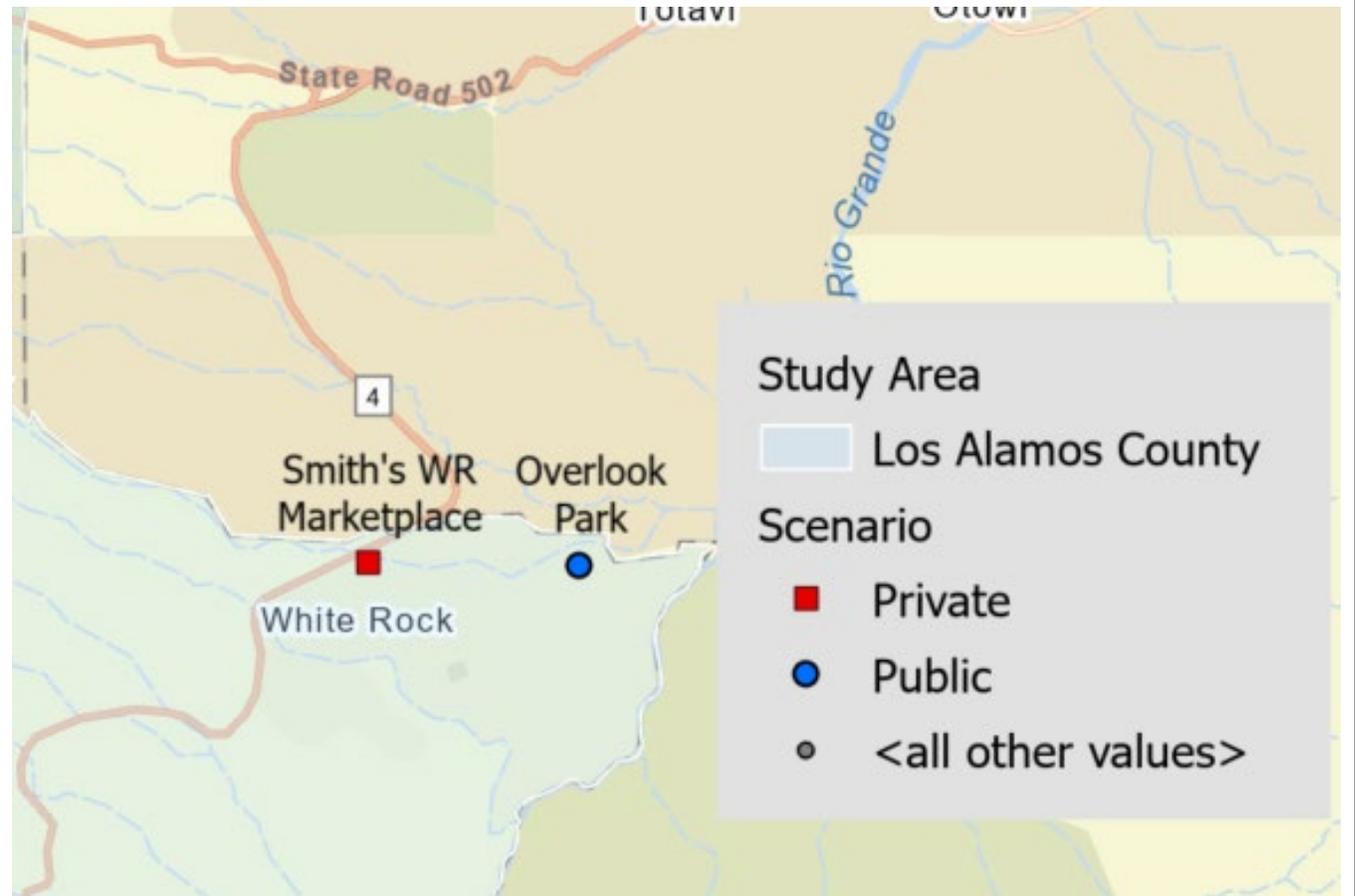




Added More Charging in White Rock

Reaching Equitable Charging:

- Smith's in White Rock
 - High community demand
 - Significant destination in WR
- Overlook Park
 - Expands access near WR destinations
 - Integrates well with CAP sports complexes recommendation
 - Meets multiple community requests

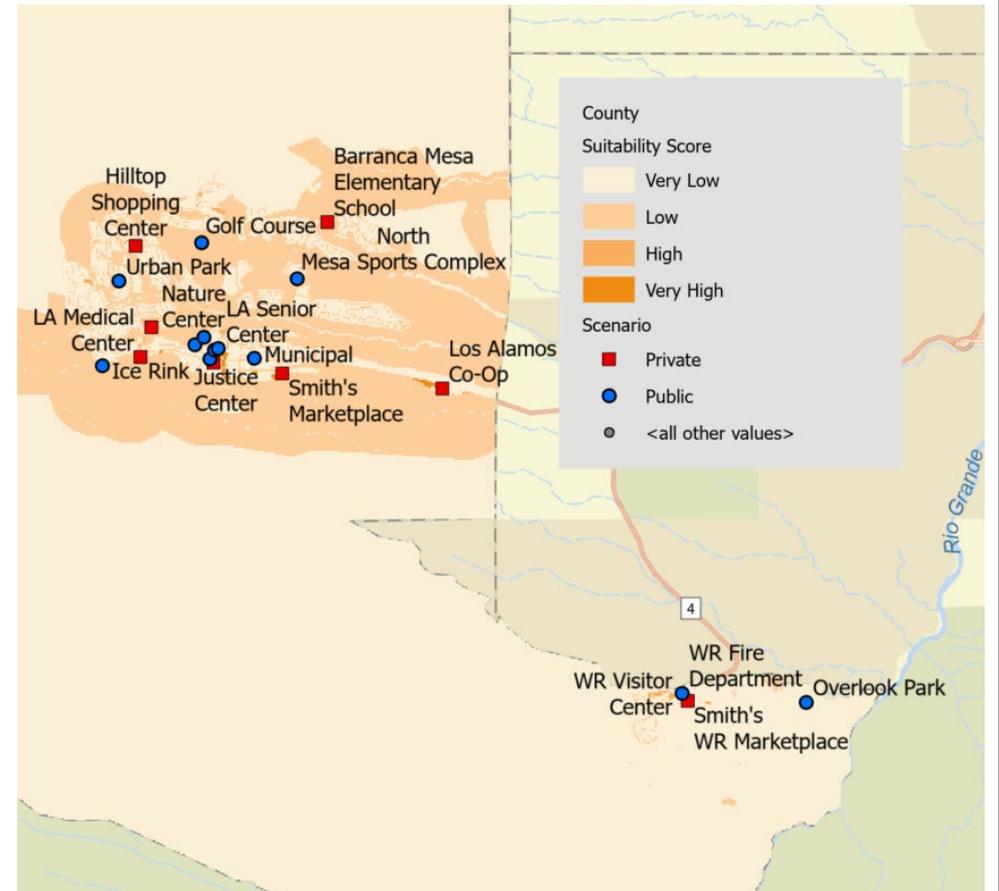




Key Revisions to Address Equitable Charging

- Added more charging in residential areas
- Added locations in White Rock
- Added clarity on prioritization of multi-family housing

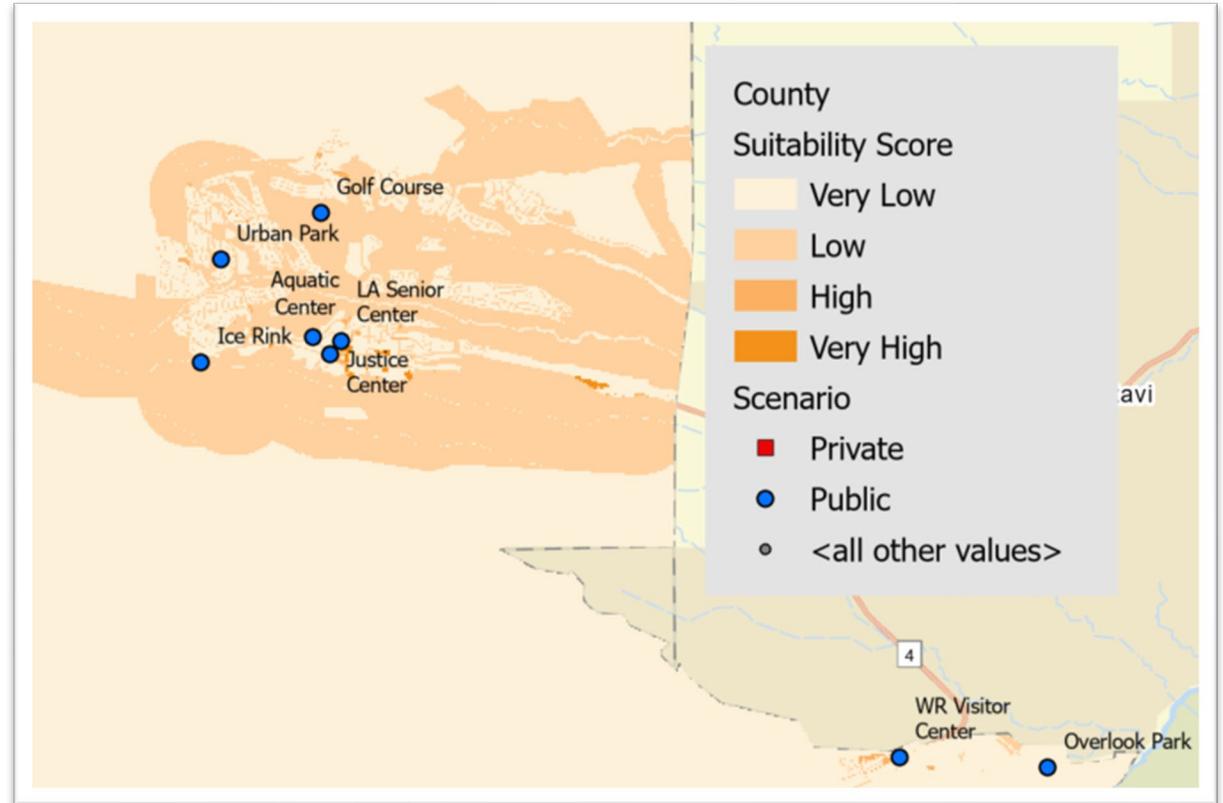
All changes included model suitability, community feedback, and equity focus





Phase 1 locations

Location	L2 Count	L3 Count	Power	Relevance
Justice Center (Charging with Fleet Vehicles)	12	8	720 kW	Highly Relevant
WR Overlook	4		40 kW	Highly Relevant
Los Alamos Senior Center	4		40 kW	Highly Relevant
Urban Park	6		60 kW	Highly Relevant
Aquatic Center (Charging with Fleet Vehicles)	8		80 kW	Highly Relevant
WR Visitor Center		2	62 kW	Highly Relevant
Ice Rink (Charging with Fleet Vehicles)	8		80 kW	Relevant
Golf Course	6		60 kW	Relevant





Implementation Track for Community EV Charging

First Steps:

- This Plans identified sites that can be prioritized for a network of chargers
- County will continue to evaluate use and demand of current chargers
- Each new charging site should be evaluated independently and strategically (ROI, use, equity, etc.)

Communication:

- **[Internal]** Streamline permitting, procurement, and internal coordination
- **[External]** Identify barriers & opportunities through active engagement with viable privately-owned locations
- **[External]** Education and outreach within the community will be critical to break EV adoption barriers

Infrastructure:

- Prioritize Phase 1 locations (2026-2035) each under individual evaluation
- Coordinate with other infrastructure improvements and fleet sites
- On-going basis assessment of fleet operational cost

This Plan outlined locations that have high suitability for EV charging adoption to give the County a path forward. Implementation will be dictated by assessments of each site on a regular basis



Key Next Steps

Streamline permitting & internal coordination

Continue pursuing state & federal funding opportunities

Identify barriers & incentives through active engagement with viable privately-owned locations

Continue engagement with community and create an action plan to overcome barriers to EV adoption that go beyond charger accessibility



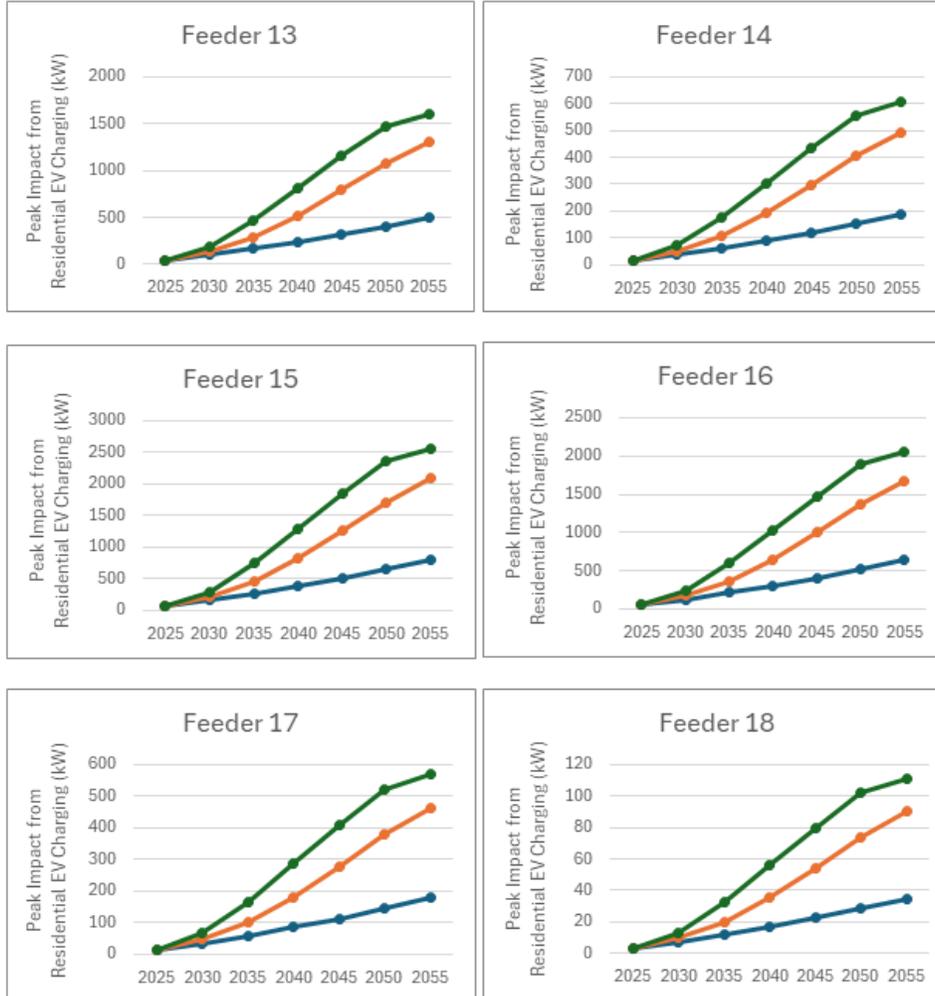
Questions



ATTACHMENT B



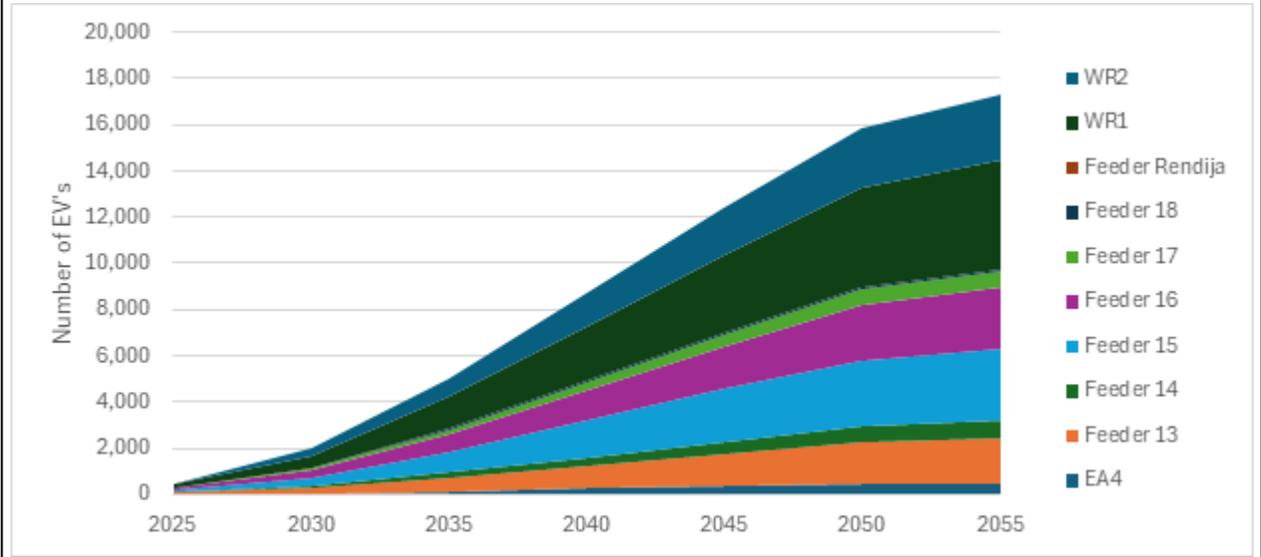
Power Load on Los Alamos Feeders over time



- ⋯ High EV Adoption
- ⋯ Medium EV Adoption
- ⋯ Low EV Adoption

At-Home Charging

- At-Home charging use is forecasted based on population density
- Areas with more people are assumed to have more EVs





Projected 2050 Power Requirements

County Fleet (+Atomic + LAPS)

At-Home Charging

County-Owned Public Chargers

Shared-L2 on Private land

Fast Charging Corridor

