

Comment Method: Comms/Online**Comment Date** 4/30/2024**Category** Resident in Study Area**Concerns Topics**

Appearance, Location

Heard About**Issues/Phone Message/Comments**

Eyesore and obstruction of view as well as any annoying humming that sometimes accompanies the transmission of electricity.

Additional Info**Requested Info**

Response sent**Response Notes:**

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Comment Method: Comms/Online**Comment Date** 4/30/2024**Category** Resident in Study Area**Concerns Topics**Health, Appearance, Location,
Property Value, Support
Underground, Historic**Heard About** Project Website, Word of Mouth**Issues/Phone Message/Comments**

Avoidance of residential neighborhoods. Concerns about how ugly the power lines are. The lines should be buried. Someone should appeal the ACC decision or take them to court again.

Additional Info

The effects of high voltage lines on health.

Requested Info**Response sent****Response Notes:**

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Comment Method: Comms/Online

Comment Date 4/30/2024

Category Live/Work near Study Area

Concerns Topics

Location, Support Underground

Heard About

Issues/Phone Message/Comments

The aboveground line is detrimental to the neighborhood

Additional Info

An aboveground line would be detrimental to the neighborhood,

Requested Info

Unable to send response

Response Notes:

Wrong email address provided

Comment Method: Comms/Online**Comment Date** 4/30/2024**Category** Live/Work near Study Area**Concerns Topics**Health, Appearance, Property Value,
Support Underground, Environment**Heard About** Project Website, Newsletter Mailing,
Public Meeting, Word of Mouth**Issues/Phone Message/Comments**

The physical and emotional health of those living under these lines; the environmental impact on the city; negative effects on tourism; the loss of property values

Additional Info**Requested Info****Response sent****Response Notes:**

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Comment Method: Comms/Online**Comment Date** 4/30/2024**Category** Live/Work near Study Area**Concerns Topics**

Support Underground, Historic

Heard About Project Website, Newsletter Mailing,
Public Meeting, Word of Mouth**Issues/Phone Message/Comments**

I think corporations should follow the laws.

Additional Info**Requested Info****Response sent****Response Notes:**

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Comment Method: Comms/Online**Comment Date** 4/29/2024**Category** Resident in Study Area, Live/Work near Study Area**Concerns Topics** Location, Support Underground, Historic**Heard About** Project Website, Newsletter Mailing, Word of Mouth**Issues/Phone Message/Comments**

This stays away from main university corridors, most historic neighborhoods, and through the most already industrial areas.

Additional Info

Keeping the poles off Campbell and Tucson boulevards and out of historic neighborhoods. Campbell is a commercial corridor with many outside seating establishments and people-scaled businesses (as opposed to massive plazas).

Requested Info**Response sent****Response Notes:**

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Comment Method: Comms/Online**Comment Date** 4/29/2024**Category** Resident in Study Area**Concerns Topics**Appearance, Location, Support
Underground, Historic**Heard About** Word of Mouth**Issues/Phone Message/Comments**

Prefer partial underground route

Additional Info**Requested Info****Response sent****Response Notes:**

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Comment Method: Comms/Online**Comment Date** 4/29/2024**Category** Resident in Study Area**Concerns Topics**

Location

Heard About Project Website, Newsletter Mailing**Issues/Phone Message/Comments**

In public sessions that I have attended about the issue, TEP indicated that they would make every effort to use major arterial roadways and minimize intrusion in residential neighborhoods. There seem to be only two options--D & 6--that align with these objectives.

Additional Info**Requested Info**

Unable to send response**Response Notes:**

No contact information provided

Comment Method: Comms/Online

Comment Date 4/28/2024

Category Resident in Study Area

Concerns Topics

Appearance, Support Underground,
Historic

Heard About

Issues/Phone Message/Comments

Overhead lines violate our city's guidelines for maintaining the scenic route along Campbell/kino.

Additional Info

You are not giving me my only preferred option

Requested Info

Aesthetic interest in preserving our city's scenic route, which includes historic neighborhoods

Response sent

Response Notes:

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Comment Method: Comms/Online**Comment Date** 4/28/2024**Category** Resident in Study Area**Concerns Topics**

Appearance, Location, Property Value, Historic

Heard About Newsletter Mailing**Issues/Phone Message/Comments**

Jefferson Park is an historic neighborhood with schools, churches, a hospital, etc., besides the many residential homes. It makes not sense to put these poles and overhead lines here. It will greatly distract from the beauty of the neighborhood and significantly decrease property values near the lines.

Additional Info

This would eliminate much of the proposed problematic lines through our neighborhood.

Requested Info**Response sent****Response Notes:**

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Comment Method: Comms/Online**Comment Date** 4/28/2024**Category****Concerns Topics**Cost, Location, Support Underground,
Historic**Heard About****Issues/Phone Message/Comments**

Re No 138kV poles and overhead lines in Jefferson Park or along Campbell/Kino

We request that all of the finally chosen route from Kino to De Moss Petrie sub-station be placed underground. TEP must respect the ~ home ~ of it's Tucson customers, especially the Tucson gateway and historic precincts affected by the construction proposal.

In agreement with independent professional evaluation and comparison to comparable projects elsewhere we resent the egregious over-valuation of the costs of undergrounding. We can only assume that the TEP valuation is an attempt to avoid all local social and contextual responsibilities. Without undergrounding for this project we would support the suggestion before the City to establish an alternative electricity provider commission.

Additional Info**Requested Info**

Response Notes:

Comment Method: Comms/Online**Comment Date** 4/24/2024**Category** Resident in Study Area, Business Owner in Study Area, Live/Work near Study Area**Concerns Topics**

Appearance, Property Value, Support Underground, Historic

Heard About Project Website, Newsletter Mailing, Public Meeting, Word of Mouth**Issues/Phone Message/Comments**

visual blight in historic neighborhoods

Additional Info

Go underground. It will help maintain our property value

Requested Info**Response sent****Response Notes:**

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Comment Method: Comms/Online**Comment Date** 4/23/2024**Category** Resident in Study Area**Concerns Topics**

Appearance, Location, Historic

Heard About Newsletter Mailing, Word of Mouth**Issues/Phone Message/Comments**

Keep Tucson as attractive as possible by using routes that are already industrialized.

Additional Info**Requested Info**

Response sent**Response Notes:**

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Comment Method: Comms/Online**Comment Date** 4/17/2024**Category****Concerns Topics**Location, Support Underground,
Historic**Heard About****Issues/Phone Message/Comments**

All potential routes go through neighborhoods or along arterials protected by one or more of the following ordinances: Historic Preservation Zone, Neighborhood Preservation Zone, University Area Plan, Scenic Routes Ordinance, and Gateway Routes Ordinance. Building the power lines overhead violates these ordinances. This problem could best be solved by burying lines in the areas affected by the relevant ordinances, rather than by continuing to battle the City of Tucson in court for the putative "right" to degrade the quality of life for all who live here by overthrowing our laws.

Additional Info**Requested Info**

No response required**Response Notes:**

Comment Method: Comms/Online

Comment Date 4/17/2024

Category

Concerns Topics

Location

Heard About

Issues/Phone Message/Comments

Keep to direct routes and large thoroughfares as much as possible.

Additional Info

Requested Info

No response required

Response Notes:

Comment Method: Comms/Online

Comment Date 4/17/2024

Category

Concerns Topics

Location, Support Underground

Heard About

Issues/Phone Message/Comments

Only underground if along Kino / Campbell. Only underground if going through Jefferson Park

Additional Info

Requested Info

No response required

Response Notes:

Comment Method: Comms/Online**Comment Date** 4/17/2024**Category****Concerns Topics**

Cost, Location, Environment

Heard About**Issues/Phone Message/Comments**

I would like engineers at TEP to make the final decision thinking carefully about project cost and impact on the environment. I find the arguments surrounding appearance of the powerlines to be short sighted. This project is important for fixing our aging infrastructure and allows for the growing demands of electricity from development, rising temperatures, and the introduction of electric cars.

Additional Info**Requested Info****No response required****Response Notes:**

Comment Method: Comms/Online**Comment Date** 4/17/2024**Category****Concerns Topics**Appearance, Location, Support
Underground**Heard About****Issues/Phone Message/Comments**

Make this a win/win for the city. Do not skimp on mitigations. Do everything you can to improve the look of Mid-town. If you don't you'll never get anything done here. Think about repurposing decommissioned 46K stations for small community parks. Be a real community partner. Let's get innovative. Treat the city like you do the foothills. Consider your scheduling for new lines and removal of old lines. Do it quickly so you manage the impact on the community. Again don't be cheap about how you manage the project to minimize the impact on the community. I am supporting this project at this time but I'm new here. Many old timers don't trust TEP and there must be some reason for that. Please don't disappoint us.

Additional Info**Requested Info**

No response required**Response Notes:**

Comment Method: Comms/Online

Comment Date 4/17/2024

Category

Concerns Topics

Location, Support Underground

Heard About

Issues/Phone Message/Comments

Underground through neighborhood areas!

Additional Info

Requested Info

No response required

Response Notes:

Comment Method: Comms/Online

Comment Date 4/16/2024

Category Business Owner in Study Area

Concerns Topics

Heard About Newsletter Mailing

Issues/Phone Message/Comments

Whether there is room to add the poles in a way that doesn't impact existing businesses, visibility of signage, and traffic flows. Pedestrian safety. Alternative Routes C and 6 are too congested.

Additional Info

N Stone Ave is not a suitable route.

Requested Info

Please provide additional information about what side of the street the poles would be specifically placed in each of the proposed routes.

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Comment Method: Comms/Online**Comment Date** 4/11/2024**Category** Resident in Study Area**Concerns Topics**

Location, Support Underground

Heard About Newsletter Mailing**Issues/Phone Message/Comments**

TEP cannot place 138kV lines in residential neighborhoods. The lines will destroy residential areas. These neighborhoods simply cannot be asked to take the full burden of boosting electricity to UA and UAMC. I support the proposed "Halfway Solution" <http://www.jeffersonpark.info/tep-138-kv-poles.html>

The solution is to connect the Vine substation to Demoss-Petrie (1 in the image to the right) but to drop the connection from the Vine substation to Kino (2), which would have cost around \$10 million to construct overhead. That \$10 million saved can be used to defray the legally required cost to underground the remaining approximate half-mile from the Vine substation to Grant Road.

Additional Info

Do not run overhead lines through residential neighborhoods. We should not bear the burden of providing electricity to the UA. Underground everything running through neighborhoods.

Requested Info

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Comment Method: Comms/Online

Comment Date 4/10/2024

Category Resident in Study Area

Concerns Topics

Appearance, Support Underground

Heard About Newsletter Mailing

Issues/Phone Message/Comments

Walkability and attractiveness matters in low-income areas, so perhaps sort by income levels.

Additional Info

Consider the longterm benefits of going underground. The visual quality of a place contributes to how people treat the area. Don't make neighborhoods unsightly, stark, and unattractive for years to come. People need community.

Requested Info

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Comment Method: Comms/Online**Comment Date** 4/9/2024**Category** Resident in Study Area, Live/Work
near Study Area**Concerns Topics** Location, Environment**Heard About** Word of Mouth**Issues/Phone Message/Comments**

I'm really worried about the idea of putting a high voltage line so close to my home, especially along the route proposed on Tucson Boulevard. It's not just about my house; this area is home to several schools and the Broadmoor neighborhood, which is a cherished green space and a vital corridor for birds. I strongly feel that TEP should look into options that take these lines through more industrial areas instead. Putting them through Broadmoor just doesn't sit right with me, as a mother of two children and cancer patient.

Additional Info**Requested Info****Response sent****Response Notes:**

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Comment Method: Comms/Online**Comment Date** 4/8/2024**Category** Resident in Study Area**Concerns Topics** Historic**Heard About** Newsletter Mailing**Issues/Phone Message/Comments****Additional Info****Requested Info**

Response sent**Response Notes:**

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Comment Method: Comms/Online**Comment Date** 4/8/2024**Category** Resident in Study Area**Concerns Topics**

Support Underground

Heard About Other**Issues/Phone Message/Comments**

ALL TEP routes should be underground!!

Additional Info**Requested Info****Response sent****Response Notes:**

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Comment Method: Comms/Online**Comment Date** 4/7/2024**Category** Resident in Study Area, Live/Work near Study Area**Concerns Topics** Appearance, Location**Heard About** Newsletter Mailing, Word of Mouth**Issues/Phone Message/Comments**

Aesthetic and function of final installation.

Additional Info

Would be willing to assist with local neighborhood opinion survey.

Requested Info**Response sent****Response Notes:**

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Comment Method: Comms/Online

Comment Date 4/6/2024

Category Resident in Study Area

Concerns Topics

Location, Support Underground

Heard About Newsletter Mailing, Public Meeting

Issues/Phone Message/Comments

I sent a letter with more detail

Additional Info

Underground all transmissions lines in residential neighborhoods

Requested Info

No response required

Response Notes:

Responded to 4/6/2024 email

Comment Method: Comms/Online**Comment Date** 4/6/2024**Category** Resident in Study Area, Live/Work
near Study Area**Concerns Topics****Heard About** Newsletter Mailing**Issues/Phone Message/Comments****Additional Info****Requested Info****Response sent****Response Notes:**

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Comment Method: Comms/Online

Comment Date 4/6/2024

Category

Concerns Topics

Heard About

Issues/Phone Message/Comments

I was unable to attend the April 4th meeting about the midtown reliability project, are there note about what transpired at the meeting somewhere?

Additional Info

Requested Info

Response sent

Response Notes:

The most recent Public Open House was held on March 28th. All materials presented and discussed can be found on the project website under the "Outreach Materials" drop-down.

We hope you continue to stay engaged in the project as details of the project become more defined. You'll be able to find all the latest information on the project webpage at www.tep.com/midtown.

Please let me know if there is anything else I can help with.

Comment Method: Comms/Online

Comment Method: Comms/Online**Comment Date** 4/6/2024**Category** Resident in Study Area**Concerns Topics**

Cost, Appearance, Location, Property Value, Support Underground, Environment

Heard About Project Website, Newsletter Mailing, Public Meeting, Word of Mouth**Issues/Phone Message/Comments**

I've lived at my home since 2015, and have actively been involved in the Board of the Jefferson Park Neighborhood Association since I moved here. I'm also on the neighborhood Green Committee and Clean-up Committee. We've been fortunate to receive two generous grants from the City of Tucson, one from the Care2Enhance program back in 2014 and one from the Neighborhood Stormwater Harvesting Program in 2019. These grants have been used to create the Vine Avenue Green Corridor which runs between Lester and Grant, adding passive rainwater harvesting basins to the right of ways that are now filled with rapidly growing desert willows, velvet mesquites, and desert ironwoods, and a variety of other plants. These plants shade our houses and streets, providing cooling, cleaner air, and the mental health benefits we receive from nature.

We also have informational signs near the corner of Vine and Seneca which educate passersby about rainwater harvesting and local species they are likely to encounter thanks to the native vegetation. We are proud to do our part to contribute to the Tucson Million Trees Initiative. We installed a Little Seed Library at our home at Vine and Waverly to provide native plants to our neighborhood and our neighbors even have installed a Little Free Library at the corner of Vine and Lester.

Adding 110ft tall industrial poles with large bases that would destroy our planting and basins would ruin the Vine Avenue Green Corridor and all that we've worked so hard to build here.

Additional Info

It is truly intolerable for Tucson Electric Power to continue to insist on routes and overhead lines that have long-term injurious effects on many citizens and, ultimately, to the entire city.

Please listen to the very real concerns of the literally thousands of residents who will be affected by this project be taken into consideration. Thank you for your attention to this matter.

Requested Info**Response sent****Response Notes:**

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Comment Method: Comms/Online

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Comment Method: Comms/Online**Comment Date** 4/5/2024**Category** Resident in Study Area, Live/Work
near Study Area**Concerns Topics** Location, Historic**Heard About** Other**Issues/Phone Message/Comments**

Impact to historic communities and utilization of already utilized heavily for infrastructure

Additional Info**Requested Info**

Response sent**Response Notes:**

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Comment Method: Comms/Online**Comment Date** 4/5/2024**Category** Resident in Study Area, Live/Work near Study Area**Concerns Topics**

Location

Heard About Newsletter Mailing, Public Meeting, Word of Mouth**Issues/Phone Message/Comments**

Keep it in commercial areas, not residential ones

Additional Info**Requested Info****Response sent****Response Notes:**

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Comment Method: Comms/Online**Comment Date** 4/5/2024**Category** Resident in Study Area**Concerns Topics**

Support Underground

Heard About Public Meeting**Issues/Phone Message/Comments****Additional Info****Requested Info****Response sent****Response Notes:**

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TEP, the City, and others put a lot of time and effort into exploring a path to finance the additional costs to underground a portion of this transmission line. With the defeat of Proposition 412 last year, those efforts came to a stop.

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Comment Method: Comms/Online

Comment Date 4/5/2024

Category Resident in Study Area

Concerns Topics

Support Underground

Heard About

Issues/Phone Message/Comments

Not placing the transmission lines underground is not included as an option.

Additional Info

Please reconsider placing the lines underground.

Requested Info

Response sent

Response Notes:

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Comment Method: Comms/Online

Comment Date 4/5/2024

Category Resident in Study Area

Concerns Topics

Support Underground

Heard About

Issues/Phone Message/Comments

Additional Info

It would be better and safer to bury the line underground. I hope this option will be pursued rather than the above ground options listed here

Requested Info

Unable to send response

Response Notes:

No contact information provided

Comment Method: Comms/Online

Comment Date 4/5/2024

Category Resident in Study Area

Concerns Topics

Heard About Newsletter Mailing, Public Meeting

Issues/Phone Message/Comments

Sidewalks are too narrow to accommodate large poles for the poles.

Additional Info

Bigger is not better

Requested Info

Response sent**Response Notes:**

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Comment Method: Comms/Online**Comment Date** 4/5/2024**Category** Resident in Study Area, Live/Work near Study Area**Concerns Topics** Health, Location, Environment**Heard About** Project Website, Newsletter Mailing**Issues/Phone Message/Comments**

I am not completely familiar with all the issues related to the runs south of Broadway, but I do live and work in the study area, surrounded by historic districts. Though underground runs would mitigate the disruption, I am not convinced the the final budget will support underground runs. I also have some environmental and health concerns for runs that route through residential areas.

Additional Info**Requested Info****Response sent****Response Notes:**

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Comment Method: Comms/Online**Comment Date** 4/5/2024**Category** Resident in Study Area, Live/Work near Study Area**Concerns Topics** Historic**Heard About** Project Website, Newsletter Mailing, Public Meeting**Issues/Phone Message/Comments****Additional Info****Requested Info****Response sent****Response Notes:**

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Comment Method: Comms/Online**Comment Date** 4/5/2024**Category** Resident in Study Area, Live/Work near Study Area**Concerns Topics**

Health, Appearance, Location, Property Value, Support Underground, Historic, Environment

Heard About Project Website, Public Meeting, Word of Mouth**Issues/Phone Message/Comments**

This just feels like a scam. We've made our opinions know previously with this project under a different name and now we have to protest this sham again.

Additional Info**Requested Info****Response sent****Response Notes:**

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We acknowledge that a lot of work went into the past Kino-DMP project, and many residents and stakeholders spent countless hours considering the issues and developing potential solutions. While we're starting from a blank canvas on routing, all the understanding and knowledge gained through your participation and that of so many others will be carried forward to inform the transmission line routing solutions developed as part of the Midtown Reliability Project.

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Comment Method: Comms/Online**Comment Date** 4/5/2024**Category** Resident in Study Area, Live/Work near Study Area**Concerns Topics**

Location, Support Underground

Heard About Project Website, Newsletter Mailing, Public Meeting, Word of Mouth**Issues/Phone Message/Comments**

Keep the transmission lines on major streets.

Campbell\Kino north of the railroad tracks should only be used if underground, as it is a gateway route into the city.

Additional Info

TEP and the UofA should share costs of undergrounding on Kino.

Requested Info**Response sent****Response Notes:**

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Comment Method: Comms/Online**Comment Date** 4/5/2024**Category** Resident in Study Area**Concerns Topics****Heard About** Newsletter Mailing**Issues/Phone Message/Comments****Additional Info****Requested Info**

Response sent**Response Notes:**

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Comment Method: Comms/Online**Comment Date** 4/5/2024**Category** Resident in Study Area, Live/Work
near Study Area**Concerns Topics****Heard About** Word of Mouth**Issues/Phone Message/Comments****Additional Info****Requested Info****Response sent****Response Notes:**

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Comment Method: Comms/Online**Comment Date** 4/4/2024**Category** Resident in Study Area**Concerns Topics**

Location, Support Underground

Heard About Project Website, Newsletter Mailing**Issues/Phone Message/Comments**

STOP Gaslighting, Bullshitting, and being disengenous. Commit to community wants and needs.

Additional Info**Requested Info****Response sent****Response Notes:**

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Comment Method: Comms/Online

Comment Date 4/2/2024

Category Resident in Study Area

Concerns Topics

Location, Historic

Heard About Newsletter Mailing

Issues/Phone Message/Comments

Protecting the integrity of designated historic neighborhoods

Additional Info

Requested Info

Unable to send response

Response Notes:

No contact information provided

Comment Method: Comms/Online**Comment Date** 3/31/2024**Category** Resident in Study Area**Concerns Topics**Location, Support Underground,
Historic, Substation**Heard About** Project Website, Newsletter Mailing,
Public Meeting, Word of Mouth**Issues/Phone Message/Comments**

TEP must consider all options that do not violate the City Ordinances and do not bring overhead lines through neighborhoods

Additional Info

Investigate other cities who have undergrounded lines. Do your research. And value your customers

Requested Info**Response sent****Response Notes:**

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TEP conducted a very thorough review of alternative substation sites before purchasing the site on Vine Avenue. After an exhaustive search, followed by reaching out to property owners, the Vine location was the only site within the "load center" that was of a sufficient size and was available to purchase.

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Comment Method: Comms/Online**Comment Date** 3/29/2024**Category** Resident in Study Area, Live/Work near Study Area, Special Interest Group**Concerns Topics** Support Underground**Heard About** Project Website, Public Meeting, Word of Mouth**Issues/Phone Message/Comments**

Adhering to current restrictions to underground lines according to Area Plans and Scenic/Gateway ordinances.

Additional Info

Get up to speed on current technology that will make most of this unnecessary. Consider “reconductoring” line technology to increase loads and efficiency on current energy pathways and structures and increasing capacity in existing substations to handle it.

This is all to bring huge amounts of solar and wind generated power to the increasing demands of huge data centers in and around the university The State of Arizona (aka UofA) needs to comply with local laws and foot the bill for their publicized “green” identity.

Requested Info**Response sent****Response Notes:**

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Comment Method: Comms/Online**Comment Date** 3/29/2024**Category** Resident in Study Area**Concerns Topics**Location, Support Underground,
Historic**Heard About** Project Website, Public Meeting,
Word of Mouth**Issues/Phone Message/Comments**

I think it is just lazy to not place lines underground. Regardless if it is for aesthetic purposes or not all new lines should be placed underground to preserve the integrity not just of the Historic neighborhoods of Tucson, but Tucson itself.

Additional Info

I think canvassing should be done in the evening instead of during the middle of the day so residents can actually voice their opinions to a person instead of being left a door hang. Seems like TEP is actively trying to avoid person-to-person contact on this matter.

Requested Info**Response sent****Response Notes:**

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Comment Method: Comms/Online**Comment Date** 3/28/2024**Category** Resident in Study Area**Concerns Topics**Location, Support Underground,
Historic**Heard About** Public Meeting, Word of Mouth**Issues/Phone Message/Comments**

The most important factor to me is keeping this project out of residential and historic neighborhoods like where I live. We have enough to deal with trying to keep the University in check and not invading our neighborhood let alone something such as this that belongs buried or in a more industrial setting as much as possible!!!

Additional Info**Requested Info****Response sent****Response Notes:**

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Comment Method: Comms/Online**Comment Date** 3/28/2024**Category** Resident in Study Area**Concerns Topics****Heard About****Issues/Phone Message/Comments**

Please consider "reconductoring" on existing corridors with ACCC advanced conductors. A video on the application of this method is

<https://www.youtube.com/watch?v=5545T-Kb4AI>

ACCC has been used by AEP and Nevada Energy in distributed applications in neighborhoods whose residents opposed huge new pylons for high voltage lines.

While the cable is more expensive, the cost relative to new high voltage transmission lines was much less.

Additional Info

I would like TEP engineers to review the feasibility of reconductoring and provide the public the reasons for and against this method as compared to the proposed high voltage transmission lines. I talked with TEP electrical engineer Don at the Double Tree open house on March 28, 2024, who agreed to review the suggestion.

Requested Info

No response required**Response Notes:**

Responded to 3/31/2024 comment

Comment Method: Comms/Online

Comment Method: Comms/Online**Comment Date** 3/28/2024**Category** Resident in Study Area**Concerns Topics**Location, Property Value, Historic,
Safety, Environment**Heard About** Project Website, Public Meeting,
Word of Mouth**Issues/Phone Message/Comments**

I am a resident of 7th Street in the Pie Allen Neighborhood. I am writing to express my strong opposition to the proposal of running overhead transmission lines directly through the Pie Allen neighborhood.

Here are several reasons why Alternative Route 3 should be a last resort:

Environmental Impact: The Pie Allen Neighborhood Association has plans for a rain harvesting project that involves constructing rock basins along sidewalks. These basins are crucial for our goal of a greener neighborhood. Overhead power lines would likely obstruct this project, especially during monsoon season when rainwater needs to pool for extended periods.

Safety and Property Concerns. Many homes in our neighborhood, including mine, require specialized equipment like cranes for roof repairs due to their elevated structures. Power lines strung through the neighborhood would create a major safety hazard and hinder necessary maintenance projects.

Loss of Mature Trees: The proposed overhead lines would necessitate the removal of mature trees lining our streets. These trees provide much-needed shade, especially for south-facing houses like mine. Losing them would be detrimental to our fight against climate change and overall neighborhood comfort.

Preserving Neighborhood Character. The Pie Allen Neighborhood is aiming for Neighborhood Preservation Zoning (NPZ) status to safeguard its unique and historical character. Overhead power lines running through the neighborhood directly contradict this goal and would negatively impact the aesthetic we strive to maintain.

Property Value Reduction: Studies have shown a significant decrease in property values for homes located near overhead power lines. This is a major concern for residents and could negatively impact the entire neighborhood.

I urge you to consider alternative solutions for the new transmission line placement. I support TEP's goal of finding options to achieve reliable energy infrastructure without sacrificing the safety, character, and environmental well-being of the Pie Allen neighborhood. Thank you.

Additional Info**Requested Info****Response sent****Response Notes:**

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Comment Method: Comms/Online

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Comment Method: Comms/Online**Comment Date** 3/28/2024**Category** Resident in Study Area, Live/Work near Study Area**Concerns Topics** Appearance, Location, Property Value, Historic**Heard About** Newsletter Mailing**Issues/Phone Message/Comments**

The visual and financial impact of having large monopoles cutting through residential areas.

Additional Info

Please consider the lives and livelihoods of the people that will be impacted by this project. A home is the greatest single investment most people will make in their lives, financially and in some cases, emotionally. Running large power poles through residential neighborhoods while other options are available would not only unnecessarily diminish the residents' quality of life, but it would also irreparably damage the character of the neighborhood.

Requested Info

The final route decisions

Response sent**Response Notes:**

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Comment Method: Comms/Online**Comment Date** 3/28/2024**Category** Resident in Study Area**Concerns Topics**Location, Support Underground,
Safety**Heard About** Other**Issues/Phone Message/Comments**

Safety! As mentioned above the 83' poles are wider in diameter and the visibility barriers they cause for traffic, bicyclists, scooter riders, pedestrians is dangerous on narrow neighborhood streets. The population density of an area is the biggest reason the lines cannot go through the U of A, therefore the reasoning applies to the neighborhoods in the area. Main streets with at least 2 lanes of traffic and sidewalks are more conducive. Otherwise, bury the lines in the densely populated areas for safety reasons.

Additional Info

I am not understanding why Aviation is not being considered as a possible route. The reason of it not fitting the compatibility assessment would apply to Route 1, so why is that a possible route? Securing ADOT right of way makes complete sense in this project. Yes, it will slow down the process and have an expense greater than using existing routes, however it is cheaper than underground transmission lines or continued rejection of the proposed project from the voters and the city. Many cities are using these industrial areas along the railroads for their upgrades to their old infrastructure. TEP can be an innovative collaborator with ADOT, COT and the community by including these options.

Requested Info

Removal of existing 46kv poles that will no longer be needed once a new route is considered.

Response sent**Response Notes:**

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Comment Method: Comms/Online**Comment Date** 3/28/2024**Category** Resident in Study Area**Concerns Topics**Health, Location, Property Value,
Historic**Heard About** Newsletter Mailing, Public Meeting,
Word of Mouth**Issues/Phone Message/Comments**

I dont want a new huge pole in my personal feomt yard. I am at a corner of route 3, on 8th at mountain. The corner will be a huge pole to support the load with a major foundation or worse, guy wires. This will have a significant effect on property value, and potential or perceived health hazards, which makes the property less desireable. This should be run on the more industrial routes, like up Campbell, where this sort of thing is expected

Additional Info

There are existing 46kv limes on 8th. Would those be buried first, and then the poles replaced, or would you move the new lines across the street, essentially into my front yard(south side)? I would have less objection if I knew the lines would rain i. The same place, and all existing lines like cable, phone, and lower voltage was moved to the underground.

Requested Info**Response sent****Response Notes:**

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Completion of the new, higher-capacity transmission line and associated improvements would allow TEP to retire up to eight 46 kV substations and associated facilities within 10 years, avoiding approximately \$42 million in replacement costs for facilities in need of replacement today. Additional 46 kV facilities could be retired in the near future, avoiding these significant additional replacement costs.

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Comment Method: Comms/Online**Comment Date** 3/27/2024**Category** Resident in Study Area, Live/Work
near Study Area**Concerns Topics****Heard About** Project Website, Newsletter Mailing**Issues/Phone Message/Comments**

The shortest route is always the best and most economical.

Additional Info**Requested Info**

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Comment Method: Comms/Online**Comment Date** 3/27/2024**Category** Resident in Study Area, Live/Work near Study Area**Concerns Topics** Do not Support Underground**Heard About** Project Website, Other**Issues/Phone Message/Comments**

There are going to be a bunch of loud wealthy nimbys all layered up yelling to underground the project near them, or to make the line go way out of the way so they don't have to see it. Don't listen to them. These people care only about themselves. Do the route that is least expensive and makes the most sense. I can't make it to the meeting because I have to wake up at 415 the next morning.

Additional Info

If you are considering undergeounding look at the cluster LA got themselves into by undergrounding their line.

Requested Info

You all are doing great, keep it up

Unable to send response**Response Notes:**

No contact information provided

Comment Method: Comms/Online**Comment Date** 3/27/2024**Category****Concerns Topics**

Location

Heard About**Issues/Phone Message/Comments****Additional Info****Requested Info**

Response sent**Response Notes:**

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Comment Method: Comms/Online**Comment Date** 3/27/2024**Category** Resident in Study Area**Concerns Topics**

Appearance, Location, Property Value, Historic, Safety

Heard About Newsletter Mailing, Word of Mouth**Issues/Phone Message/Comments**

Such a large transmission line running through a neighborhood will be ugly, will impact property values negatively, and poses a danger. I realize that power companies like to deny impacts of EMF, but it has been proven epidemiologically, and even if refutable, the public perception of that would impact the property value and our ability to enjoy our home.

Additional Info**Requested Info****Response sent****Response Notes:**

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Comment Method: Comms/Online**Comment Date** 3/27/2024**Category** Business Owner in Study Area, Live/Work near Study Area**Concerns Topics**

Location

Heard About Newsletter Mailing**Issues/Phone Message/Comments**

Coordinating with other projects, especially the 22nd Street Bridge project will be affecting residents in some of the same area. Protecting natural areas and elementary schools. Paying attention to the kind of vehicles and other traffic using the area and the alternate access that will or will not be available during construction.

Additional Info**Requested Info****Response sent****Response Notes:**

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Comment Method: Comms/Online**Comment Date** 3/27/2024**Category** Resident in Study Area**Concerns Topics**

Appearance, Location, Historic

Heard About Word of Mouth**Issues/Phone Message/Comments**

Keeping up the beautiful historical neighborhoods and not ruining it with this ugly project that does not even serve this area.

Additional Info**Requested Info**

Response sent**Response Notes:**

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We hope you continue to stay engaged in the project as details of the project become more defined. You'll be able to find all the latest information on the project webpage at www.tep.com/midtown.

Comment Method: Comms/Online

Comment Method: Comms/Online**Comment Date** 3/25/2024**Category** Resident in Study Area, Live/Work near Study Area**Concerns Topics** Cost, Appearance, Location, Support Underground, Historic, Safety**Heard About** Newsletter Mailing**Issues/Phone Message/Comments**

All of the proposed routes are bad if they involve giant, ugly pylons running up streets in central Tucson.

Route 3 is particularly bad, as it violates the integrity of several densely populated and already stressed historic neighborhoods.

Transmission lines must be undergrounded, according to Tucson ordinances and the Board of Adjustment. In an era of increasingly unpredictable weather due to climate change, underground lines are safer and will prove less expensive in the long run.

Last summer, 30,000 Tucson ratepayers lost power for several days amid a killer heat wave. To characterize this as an "act of God" is credible only the first time it happens: after that it is deliberate negligence.

Additional Info

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TEP, the City, and others put a lot of time and effort into exploring a path to finance the additional costs to underground a portion of this transmission line. With the defeat of Proposition 412 earlier this year, those efforts came to a stop.

The ACC has stated (Decision 79140) that incurring the additional costs to underground a transmission line for purposes other than safety and reliability is inappropriate. As a result of the defeat of Prop 412 and the ACC's policy,

Comment Method: Comms/Online

TEP is not considering an underground transmission line. Instead, we've started fresh with a new overhead line siting process to identify the least obtrusive route possible.

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Comment Method: Comms/Online**Comment Date** 3/25/2024**Category** Resident in Study Area**Concerns Topics**Location, Support Underground,
Safety**Heard About** Project Website, Newsletter Mailing,
Public Meeting, Word of Mouth**Issues/Phone Message/Comments**

Keeping those power lines out of residential neighborhoods wherever possible. Looks are one thing, but safety is paramount. UA should NOT be 'above' hosting those power lines and should be a partner in the undergrounding of lines they don't want to see strung across or along the Cambell edge of campus. Nobody gets a 'free lunch' at the expense of the neighborhoods.

Additional Info

Any that TEP and ACC would find compelling?

Requested Info**Response sent****Response Notes:**

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Comment Method: Comms/Online**Comment Date** 3/24/2024**Category** Resident in Study Area, Live/Work near Study Area**Concerns Topics** Location, Historic**Heard About** Project Website, Newsletter Mailing, Public Meeting, Word of Mouth**Issues/Phone Message/Comments**

Do not place power poles along Vine Ave, which currently does not carry electrical lines North from the proposed substation location. This will destroy the integrity of the historical neighborhood. Plus this is not cost effective and is waste of tax payer money.

Additional Info

Seriously consider following existing power transmission routes from the new Substation going in at Vine and Lester intersection. The existing power transmission route currently goes South down Vine Ave to Chauncey St. From here the current power transmission route goes West to Park ave where there are already major power transmission lines that head North along Park Ave to Grant road.

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Comment Method: Comms/Online

Comment Date 3/24/2024

Category**Concerns Topics**

Location, Historic

Heard About Newsletter Mailing

Issues/Phone Message/Comments

We own a home in Sam Hughes that we plan to retire to in the next couple of years.

Additional Info

Avoiding historic neighborhoods and residences.

Requested Info

Response sent**Response Notes:**

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Comment Method: Comms/Online**Comment Date** 3/22/2024**Category****Concerns Topics****Heard About****Issues/Phone Message/Comments****Additional Info****Requested Info**

Response sent**Response Notes:**

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Comment Method: Comms/Online**Comment Date** 3/21/2024**Category** Resident in Study Area, Live/Work near Study Area**Concerns Topics** Appearance, Location, Support Underground, Historic**Heard About** Newsletter Mailing**Issues/Phone Message/Comments**

The beauty of our town must be preserved, and not marred by unsightly overhead transmission lines. This is especially important with regard to our scenic thoroughfares such as Campbell Ave, and streets such as Tucson Blvd in historic neighborhoods like Sam Hughes.

Additional Info

At all costs, bury these transmission lines -- rather than permanently scar the view of our city!

Requested Info**Response sent****Response Notes:**

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Comment Method: Comms/Online

Comment Date 3/21/2024

Category Resident in Study Area

Concerns Topics

Heard About Newsletter Mailing

Issues/Phone Message/Comments

See above.

Additional Info

See above.

Requested Info

Response sent

Response Notes:

Thank you for being engaged with this important project, and thank you for your question. I am happy to clarify.

Yes, it is technically possible to connect the Kino and DeMoss Petrie substations directly and then build a single circuit from DeMoss Petrie to Vine. Doing so would satisfy the transmission need for the project. This would also provide added capacity to serve the Midtown area. However, our transmission system is designed to operate as a looped system. This would mean that all customers served from the Vine Substation would be subject to reliability issues and would be out of power anytime something occurred, unplanned (e.g., weather or equipment failure) or planned (e.g., routine maintenance) to cause that circuit to be out of service. This would not meet system planning guidance provided by the Arizona Corporation Commission for system adequacy and reliability, so would not be acceptable over the long-term. Ultimately two circuits into Vine are needed, so building the circuit from DeMoss Petrie to Vine and Vine to Kino satisfies both the transmission need and the reliability requirements to serve customers.

Hopefully that provides the information needed in order to complete your response and provide a route preference.

Comment Method: Comms/Online**Comment Date** 3/20/2024**Category** Live/Work near Study Area**Concerns Topics****Heard About** Project Website, Newsletter Mailing**Issues/Phone Message/Comments****Additional Info****Requested Info**

Response sent**Response Notes:**

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Comment Method: Comms/Online

Comment Method: Comms/Online**Comment Date** 3/18/2024**Category** Resident in Study Area**Concerns Topics**Location, Support Underground,
Historic**Heard About** Other**Issues/Phone Message/Comments**

According to its website, TEP has resided and done business in Tucson since 1892. As a tax-paying citizen of Tucson for 132 years, TEP will be held accountable to follow local laws and ordinances. It cannot claim ignorance of nor exemption from local, State, and national laws. Indeed, doing so would violate the UNS Energy Corporate Code of Ethics and Business Conduct 2021:

"our Company is committed to maintaining the highest ethical standards. "

"We do the right thing."

"A critical component of the Compliance Program is the requirement that members of the UNS Energy Board of Directors (Board) and our officers and employees always comply with the law, the Code and our Company policies."

"The Company is subject to a complex set of federal, state, and local environmental laws and regulations. The policy of the Company is to comply with those laws and regulations. Each employee must be aware of environmental requirements and must exercise good judgment regarding the environmental impact of the Company's operations."

"Contractors who perform work for the Company are also expected to act ethically and comply with all applicable policies and laws. "

Given it's code of conduct, TEP proposes to violate at least one of the following ordinances with each proposed route: Historic Preservation Zone, Neighborhood Preservation Zone, University Area Plan, Scenic Routes, and Gateway Routes.

Historic Preservation Zone neighborhoods and Neighborhood Preservation Zone neighborhoods are protected by specific design standards, as well as the general protections of the University Area Plan, the Scenic Routes Ordinance, and the Gateway Routes Ordinance. Every one of the proposed routes violates one or more of these ordinances. This problem could best be solved by burying lines in the areas affected by the relevant ordinances.

Additional Info

Right-of-way enhancements are a concept I haven't heard of until this survey. It raises questions. The routes, paths, and potential uses would affect design selection, and I would expect a public process like we see in other road projects. (The project will be broken into segments, and local segment stakeholders will participate in a public process to design their segment.)

Requested Info**Response sent****Response Notes:**

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Comment Method: Comms/Online

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Comment Method: Comms/Online**Comment Date** 3/17/2024**Category** Resident in Study Area, Live/Work near Study Area**Concerns Topics** Location, Property Value, Support Underground, Historic**Heard About** Newsletter Mailing**Issues/Phone Message/Comments**

All power lines should be buried. Stump wooden poles no longer used should be removed.

Additional Info

High voltage overhead power lines in historic residential neighborhoods are inappropriate, short-sighted, and detract from property values. TEP needs to bury all transmission lines and related equipment and immediately remove wooden poles no longer in use.

Other service providers, e.g. Century Link and Cox, use TEP's poles. How does the use of TEP's poles by Century Link and Cox factor into the decision on routing?

Requested Info

This needs to be a transparent decision. How can I be assured that lobbying, political contributions, and other sub-rosa activities are not used by TEP to obtain the design and routing that TEP desires, but is not in the public's interest? Please send me detailed information about each step in the decision-making process with names and contact information of the decision-makers at each step in this process.

Please email me documentation that the comments I've submitted are in the public record.

Response sent**Response Notes:**

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Comment Method: Comms/Online

Comment Date 3/16/2024

Category Live/Work near Study Area

Concerns Topics

Support Underground

Heard About Newsletter Mailing, Word of Mouth

Issues/Phone Message/Comments

UNDERGROUND THE LINES.

Additional Info

UNDERGROUND THE LINES

Requested Info

Unable to send response

Response Notes:

No contact information provided in 3/16/2024 comment

Comment Method: Comms/Online**Comment Date** 3/15/2024**Category** Resident in Study Area**Concerns Topics**

Location, Support Underground

Heard About Newsletter Mailing**Issues/Phone Message/Comments**

Running the lines as far away from residential neighborhoods as possible. Lines this size should not be run through midtown neighborhoods.

Additional Info**Requested Info**

Response sent**Response Notes:**

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Comment Method: Comms/Online

Comment Date 3/14/2024

Category Resident in Study Area, Live/Work near Study Area

Concerns Topics

Heard About Newsletter Mailing

Issues/Phone Message/Comments

neighborhood impact

Additional Info

Requested Info

Unable to send response

Response Notes:

No contact information provided

Comment Method: Comms/Online**Comment Date** 3/13/2024**Category** Resident in Study Area, Live/Work
near Study Area**Concerns Topics**

Location

Heard About Public Meeting**Issues/Phone Message/Comments**

Looking at the map most of the routes don't go smaller residential streets. 7th St and Adams look to be a few of "exceptions" for this. I just don't see any good reason for streets like those to be considered when Aviation Highway, Speedway, Tucson, Broadway are much better and already have a less residential feel and look to them.

Additional Info

We understand people will be impacted by this, as someone who owns on 7th and works on 16th st and commutes these streets daily, I know there are better alternate routes than the smaller residential streets.

Requested Info**Response sent****Response Notes:**

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Comment Method: Comms/Online**Comment Date** 3/12/2024**Category** Resident in Study Area**Concerns Topics**

Appearance, Location, Historic

Heard About Project Website, Newsletter Mailing,
Other**Issues/Phone Message/Comments**

Wherever it is will be ugly. Too bad Tucson's appearance is not considered worth the cost of burying all lines such as this. That being the case, It appears the most energy demanding user will be the UA Medical Ctr. campus, and Campbell is the most direct route. Campbell is the street most generally in use as a concentrated commercial development, and it's really only notably attractive for 6 blocks. Run it straight down Campbell so only one major artery will be disrupted during construction. It has the least dense spread of residences directly fronting the street, and it bores through less historic districts. Downtown is just starting to look good. Speedway N to Grant is already behind walls. Sam Hughes will howl, but what's new about that.

Additional Info

I live in Ward 6, which includes Campbell/Sam Hughes.

Requested Info

Keep the updates coming.

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Comment Method: Comms/Online**Comment Date** 3/12/2024**Category** Live/Work near Study Area**Concerns Topics**

Location, Support Underground

Heard About Project Website, Newsletter Mailing,
Public Meeting, Word of Mouth,
Other**Issues/Phone Message/Comments****Additional Info****Requested Info****Response sent****Response Notes:**

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Comment Method: Comms/Online**Comment Date** 3/12/2024**Category** Resident in Study Area**Concerns Topics****Heard About** Project Website, Public Meeting,
Other**Issues/Phone Message/Comments****Additional Info****Requested Info****Response sent****Response Notes:**

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Comment Method: Comms/Online**Comment Date** 3/12/2024**Category** Resident in Study Area**Concerns Topics**

Appearance, Location, Property Value, Safety

Heard About Newsletter Mailing**Issues/Phone Message/Comments**

Safety, home values, aesthetics

Additional Info**Requested Info****Response sent****Response Notes:**

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Comment Method: Comms/Online**Comment Date** 3/12/2024**Category** Live/Work near Study Area**Concerns Topics**

Location

Heard About**Issues/Phone Message/Comments**

I just want it to impact families and schools the least.

Additional Info**Requested Info**

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Comment Method: Comms/Online**Comment Date** 3/12/2024**Category** Resident in Study Area, Live/Work near Study Area**Concerns Topics**

Location, Support Underground

Heard About Other**Issues/Phone Message/Comments**

Beauty of Tucson, tourism dollars, ease of commuting and shopping

Additional Info**Requested Info****Response sent****Response Notes:**

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Comment Method: Comms/Online

Comment Date 3/11/2024

Category Resident in Study Area

Concerns Topics

Support Underground

Heard About Newsletter Mailing

Issues/Phone Message/Comments

ANY OVERHEAD LINES AREN'T ACCEPTABLE. AS A TAXPAYER, I suggest TEP SHOULD PAY FOR UNDERGROUND LINES, not citizens.

What I've selected is the least disagreeable choice

Additional Info

ANY OVERHEAD LINES AREN'T ACCEPTABLE. AS A TAXPAYER, I suggest TEP SHOULD PAY FOR UNDERGROUND LINES, not citizens.

What I've selected is the least disagreeable choice

Requested Info

ANY OVERHEAD LINES AREN'T ACCEPTABLE. AS A TAXPAYER, I suggest TEP SHOULD PAY FOR UNDERGROUND LINES, not citizens.

What I've selected is the least disagreeable choice

Response sent**Response Notes:**

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Comment Method: Comms/Online**Comment Date** 3/10/2024**Category** Resident in Study Area**Concerns Topics**

Location

Heard About Newsletter Mailing**Issues/Phone Message/Comments**

No one likes power lines near their property... there are noisy transformers in the alley behind my house, terrible!

Additional Info**Requested Info****Response sent****Response Notes:**

Thank you for your feedback regarding TEP's proposed Midtown Reliability Project. We appreciate your comments and will include them in the project record provided to the Arizona Corporation Commission (ACC).

We have noted the specific routing preference provided and will take that into consideration as we begin to evaluate these route alternatives with respect to evaluation criteria informed by public comment.

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Comment Method: Comms/Online**Comment Date** 3/4/2024**Category** Resident in Study Area**Concerns Topics**

Support Underground

Heard About**Issues/Phone Message/Comments**

I strongly believe that any transmission lines which will be located on Campbell Ave should be placed underground from at least Broadway Blvd. to Grant Rd. This area is a piece of an irreplaceable Tucson and University of Arizona gateway

Additional Info**Requested Info**

Response sent**Response Notes:**

Thank you for your feedback regarding TEP's proposed Midtown Reliability Project. We appreciate your comments and will include them in the project record provided to the Arizona Corporation Commission (ACC).

Using input from midtown residents and other stakeholders, TEP has identified 10 draft alternative routes for a new overhead transmission line. These alternatives remain under consideration for inclusion in TEP's application for a certificate of environmental compatibility.

You'll be able to find all the latest information, as well as the potential routes on the project webpage at www.tep.com/midtown.

TEP, the City, and others put a lot of time and effort into exploring a path to finance the additional costs to underground a portion of this transmission line. With the defeat of Proposition 412 earlier this year, those efforts came to a stop.

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Comment Method: Comms/Online**Comment Date** 3/4/2024**Category** Resident in Study Area, Live/Work near Study Area**Concerns Topics** Location, Support Underground**Heard About** Project Website**Issues/Phone Message/Comments**

TEP needs to follow existing policy and underground transmission lines along the Campbell gateway corridor.

Additional Info

TEP needs to follow existing policy and underground transmission lines along the Campbell gateway corridor.

Requested Info

TEP needs to follow existing policy and underground transmission lines along the Campbell gateway corridor.

Response sent**Response Notes:**

Thank you for your feedback regarding TEP's proposed Midtown Reliability Project. We appreciate your comments and will include them in the project record provided to the Arizona Corporation Commission (ACC).

TEP, the City, and others put a lot of time and effort into exploring a path to finance the additional costs to underground a portion of this transmission line. With the defeat of Proposition 412 earlier this year, those efforts came to a stop.

The ACC has stated (Decision 79140) that incurring the additional costs to underground a transmission line for purposes other than safety and reliability is inappropriate. As a result of the defeat of Prop 412 and the ACC's policy, TEP is not considering an underground transmission line. Instead, we've started fresh with a new overhead line siting process to identify the least obtrusive route possible.

Using input from midtown residents and other stakeholders, TEP has identified 10 draft alternative routes for a new overhead transmission line. These alternatives remain under consideration for inclusion in TEP's application for a certificate of environmental compatibility.

You'll be able to find all the latest information, as well as the potential routes on the project webpage at www.tep.com/midtown.

We hope you continue to stay engaged in the project as details of the project become more defined.

Comment Method: Comms/Online**Comment Date** 3/4/2024**Category** Live/Work near Study Area**Concerns Topics**

Substation

Heard About Newsletter Mailing**Issues/Phone Message/Comments**

Preferred Route: D1

Select one DeMoss-Petrie to Vine route: D

Select one Kino to Vine Route: 1

Additional Info

I was wondering if it is possible to put the proposed 138kV substation in an unused section at Mansfield Park and in exchange for using the land the park receives free electricity so long as the substation is located at the park.

Requested Info**Response sent****Response Notes:**

Thank you for your feedback regarding TEP's proposed Midtown Reliability Project. We appreciate your comments and will include them in the project record provided to the Arizona Corporation Commission (ACC).

We have noted the specific routing preference provided and will take that into consideration as we begin to evaluate these route alternatives with respect to evaluation criteria informed by public comment.

TEP conducted a very thorough review of alternative substation sites before purchasing the site on Vine Avenue. After an exhaustive search, followed by reaching out to property owners, the Vine location was the only site within the "load center" that was of a sufficient size and was available to purchase. The Vine location was actually near the northern edge of the "load center" that would meet the project need. If the substation site were located further north/east/west, it would result in a different project and would not allow TEP to retire the eight 46kV substations that have been discussed and to complete the subsequent improvements to the distribution system. In the past year, TEP conducted another search to see if any new properties had become available within the "load center" that would be suitable. Ultimately, the Vine location was deemed the only viable site.

We hope you continue to stay engaged in the project as details of the project become more defined. You'll be able to find all the latest information on the project webpage at www.tep.com/midtown.

Comment Method: Comms/Online**Comment Date** 3/4/2024**Category** Resident in Study Area, Live/Work near Study Area**Concerns Topics** Health, Appearance, Location, Property Value, Historic, Safety**Heard About** Newsletter Mailing, Public Meeting**Issues/Phone Message/Comments**

To all involved in where to place the new transmission lines to serve Midtown, The Midtown Reliability Project.

I live in Pie Allen Neighborhood, a popular quaint historical neighborhood between 6th and Broadway. My house was built in 1935 and was purchased by my aunt in 1960 when it was a nice quiet central neighborhood. Unfortunately, we are right on Euclid, which is a main street, however, it is lined with historical homes dating back to the late 1800s. Putting huge powerlines in this area would be detrimental to our living conditions. It is already a densely populated area, being close to the University and Tucson High School. It's already very noisy with the train, the recent extension of Aviation Parkway, and the recent widening of Broadway. These poles would also affect our views and our property values. Not to mention I already have 5 telephone poles I can view from my patio table in my backyard which is a visually eyesore.

I am totally against these poles going up in the Pie Allen Neighborhood. TEP should value Tucson family's daily quality of life, safety, and our cities historic neighborhoods.

Additional Info

EMF Impact??

Requested Info**Response sent****Response Notes:**

Thank you for your feedback regarding TEP's proposed Midtown Reliability Project. We appreciate your comments and will include them in the project record provided to the Arizona Corporation Commission (ACC).

We have noted the specific routing preference provided and will take that into consideration as we begin to evaluate these route alternatives with respect to evaluation criteria informed by public comment.

For more than 30 years, scientists and researchers from universities, national laboratories, health agencies, the World Health Organization and other groups have conducted research activities into possible health effects of EMFs. According to this large body of peer-reviewed research, there are no confirmed health risks caused by exposure to low-level EMFs. The National Cancer Institute states "Extremely low-frequency EMFs include power lines, electrical wiring, and electrical appliances such as shavers, hair dryers, and electric blankets."

For more information, please visit www.tep.com/electric-and-magnetic-fields/.

We hope you continue to stay engaged in the project as details of the project become more defined. You'll be able to find all the latest information on the project webpage at www.tep.com/midtown.

Comment Method: Comms/Online**Comment Date** 2/23/2024**Category** Resident in Study Area, Live/Work near Study Area**Concerns Topics** Location, Historic**Heard About** Project Website, Public Meeting, Word of Mouth**Issues/Phone Message/Comments**

I oppose the installation of monopoles in the Pie Allen Neighborhood. TEP has chosen these poles due to their affordability; however, these poles would be built along Euclid, the alley between 6th and 7th St, and all along Park Ave between 6th St and Broadway, close to my home. This placement would impact my quality of life. The poles would be placed in densely populated areas where high school and college students learn and live. They would be where renters, people with disabilities, retirees, and young families are trying to build their future lives. They even would detract from the Pie Allen aesthetic as a National Historic District. TEP has publicly committed to avoiding installing these poles and lines in densely populated areas and historic districts. Installing these poles in the proposed areas in Pie Allen undercuts that commitment.

TEP should value the Tucson family's daily quality of life and neighborhood well-being over its desire to save money on this project. TEP's efforts to modernize the grid are just as achievable whether lines run under or above ground. We cannot afford to sacrifice peace and equity in our neighborhoods for the sake of TEP's economic preferences. We ask TEP to apply this same standard to all neighborhoods, especially those that serve as home to historically marginalized groups.

Additional Info**Requested Info****Response sent****Response Notes:**

Thank you for your feedback regarding TEP's proposed Midtown Reliability Project. We appreciate your comments and will include them in the project record provided to the Arizona Corporation Commission (ACC).

No transmission line routes have been identified at this time. At this stage, only segments based upon constructability have been identified within the study area in which potential routes will be considered. You'll be able to find all the latest information, as well as the segments in the "Interactive Map" link, on the project webpage at www.tep.com/midtown.

We hope you continue to stay engaged in the project as details of the project become more defined.

Comment Method: Comms/Online**Comment Date** 2/23/2024**Category** Resident in Study Area**Concerns Topics**Health, Location, Support
Underground, Historic, Safety**Heard About** Project Website**Issues/Phone Message/Comments**

We already have 5 power lines that we can see outside our back yard. They are a total eye sore. Increasing the size of these would be even more of an eye sore. Euclid is a historic neighborhood seeping in history. We already have a busy road and high school that congests the area. The road is busy with daily traffic and the high school. We have the noise of the tram / train and bright street lights along the main road. Additionally adding larger poles along Euclid will be a danger to drivers trying to navigate the busy road of Euclid and the pedestrians from Tucson High and students walking to class etc.

Additional Info

Why can the power lines be placed under the street. We are getting emissions from the power lines that can only be detrimental to our health and daily living.

Requested Info

The meetings a map of the proposed areas impacted on a plan would help.

Response sent**Response Notes:**

Thank you for your feedback regarding TEP's proposed Midtown Reliability Project. We appreciate your comments and will include them in the project record provided to the Arizona Corporation Commission (ACC).

No transmission line routes have been identified at this time. At this stage, only segments based upon constructability have been identified within the study area in which potential routes will be considered. You'll be able to find all the latest information, as well as the segments in the "Interactive Map" link, on the project webpage at www.tep.com/midtown.

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The ACC has stated (Decision 79140) that incurring the additional costs to underground a transmission line for purposes other than safety and reliability is inappropriate. As a result of the defeat of Prop 412 and the ACC's policy, TEP is not considering an underground transmission line. Instead, we've started fresh with a new overhead line siting process to identify the least obtrusive route possible.

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Comment Method: Comms/Online**Comment Date** 2/9/2024**Category** Resident in Study Area, Live/Work near Study Area**Concerns Topics**

Appearance, Support Underground, Environment

Heard About Project Website, Newsletter Mailing, Public Meeting, Word of Mouth**Issues/Phone Message/Comments**

TEP played political games and got our city council to disallow a rule related to your operations. Burying the line is the right thing to do even if it more expensive. Protect our environment and aesthetics!

Additional Info**Requested Info****Response sent****Response Notes:**

Thank you for your feedback regarding TEP's proposed Midtown Reliability Project. We appreciate your comments and will include them in the project record provided to the Arizona Corporation Commission (ACC).

TEP, the City, and others put a lot of time and effort into exploring a path to finance the additional costs to underground a portion of this transmission line. With the defeat of Proposition 412 earlier this year, those efforts came to a stop.

The ACC has stated (Decision 79140) that incurring the additional costs to underground a transmission line for purposes other than safety and reliability is inappropriate. As a result of the defeat of Prop 412 and the ACC's policy, TEP is not considering an underground transmission line. Instead, we've started fresh with a new overhead line siting process to identify the least obtrusive route possible.

We hope you continue to stay engaged in the project as details of the project become more defined. You'll be able to find all the latest information on the project webpage at www.tep.com/midtown.

Comment Method: Comms/Online**Comment Date** 2/9/2024**Category** Resident in Study Area**Concerns Topics**

Location, Support Underground

Heard About Newsletter Mailing**Issues/Phone Message/Comments**

Don't put poles in the pedestrian areas and make walking and using wheelchairs harder than it already is. There is no continuous space for the large poles along roads in midtown between the substations.

Additional Info

Underground lines are the best option

Requested Info

No response required**Response Notes:**

Comment Method: Comms/Online

Comment Method: Comms/Online**Comment Date** 2/7/2024**Category** Resident in Study Area, Live/Work near Study Area**Concerns Topics** Health, Appearance, Location, Support Underground, Historic, Safety**Heard About** Newsletter Mailing**Issues/Phone Message/Comments**

As a community leader who lives and works in the Miracle Mile Historic District of Tucson (located on Stone, Drachman, Oracle, Miracle Mile) in Tucson, Arizona, I am deeply concerned about your proposal to install high-voltage power lines (segments 11, 12, 14, and 15) above ground on streets that have been designated as historic places by the National Register of Historic Places.

The Miracle Mile Historic District is home to many historic buildings and neon signs that reflect the rich and diverse history of Tucson. These places are not only important for their cultural and historical value, but also for their economic and social benefits. They attract tourists, generate revenue, and foster a sense of community and pride among residents and visitors alike. TEP's proposal to install high-voltage power lines above ground would severely damage the aesthetic and historic character of this unique area. The power lines would create visual clutter, obscure the views of the historic buildings, and pose potential safety and health hazards. Moreover, the installation process would likely require digging, cutting, and drilling, which could harm the structural integrity of these historic places—and could possibly put the historical designation at risk.

I urge TEP to exclude segments 11, 12, 14, and 15 from any future route as a way to protect those who live, work, and cherish the Miracle Mile Historic District.

Additional Info

Please also note that segments 8, 7, 4, 6, 13, 11, 12, 14 transverse an economically and ecologically depressed area of the city that's the focus of a substantial HUD grant for revitalization. Construction and installment of high-voltage power lines undermine the work of this grant and the aim to uplift areas that have been otherwise neglected. Neighbors would also view the installation of the power lines as another blight and sign of disrespect to our quest for a better life.

Requested Info**Response sent****Response Notes:**

Thank you for your feedback regarding TEP's proposed Midtown Reliability Project. We appreciate your comments and will include them in the project record provided to the Arizona Corporation Commission (ACC).

No transmission line routes have been identified at this time. At this stage, only segments based upon constructability have been identified within the study area in which potential routes will be considered. In addition, a public open house will be held tomorrow, February 8th from 6:00-8:00pm at the Doubletree Reid Park. We hope you can join us.

We have noted the specific routing preference provided and will take that into consideration as we begin to evaluate these preliminary segments with respect to evaluation criteria informed by public comment.

TEP, the City, and others put a lot of time and effort into exploring a path to finance the additional costs to underground a portion of this transmission line. With the defeat of Proposition 412 earlier this year, those efforts came to a stop.

Comment Method: Comms/Online

The ACC has stated (Decision 79140) that incurring the additional costs to underground a transmission line for purposes other than safety and reliability is inappropriate. As a result of the defeat of Prop 412 and the ACC's policy, TEP is not considering an underground transmission line. Instead, we've started fresh with a new overhead line siting process to identify the least obtrusive route possible.

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Comment Method: Comms/Online**Comment Date** 2/6/2024**Category** Resident in Study Area**Concerns Topics**

Location

Heard About Newsletter Mailing**Issues/Phone Message/Comments**

to whom it may concern...

As a residence of Bronx Park, Tucson. I would like to submit my objection to huge telephone poles along miracle, mile and in this neighbourhood. Its character does not support such immense structures. Please note that I am not in favour. Thank you

Additional Info

your proposal

Requested Info**Response sent****Response Notes:**

Thank you for your feedback regarding TEP's proposed Midtown Reliability Project. We appreciate your comments and will include them in the project record provided to the Arizona Corporation Commission (ACC).

We have noted the routing preference provided and will take that into consideration as we begin to evaluate these preliminary segments with respect to evaluation criteria informed by public comment.

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Comment Method: Comms/Online**Comment Date** 1/31/2024**Category** Resident in Study Area**Concerns Topics**Appearance, Location, Support
Underground**Heard About** Newsletter Mailing**Issues/Phone Message/Comments**

Until TEP attempts to form an improvement district to underground the line along whichever route is selected, and until TEP seriously considers a route between 6th Street and Speedway Boulevard that generally follows a Cherry Street alignment, this project should not proceed.

Additional Info

TEP customers, the University of Arizona, and Banner Health are the three major benefactors of this project. Yet only the first is being asked to live with the enormous visual blight that the project will impose. That is not fair and must be changed.

Requested Info**Response sent****Response Notes:**

Thank you for your feedback regarding TEP's proposed Midtown Reliability Project. We appreciate your comments and will include them in the project record provided to the Arizona Corporation Commission (ACC).

No transmission line routes have been identified at this time. At this stage, only segments based upon constructability have been identified within the study area in which potential routes will be considered. You'll be able to find all the latest information, as well as the segments in the "Interactive Map" link, on the project webpage at www.tep.com/midtown. In addition, a public open house will be held on February 8th from 6:00-8:00pm at the Doubletree Reid Park. We hope you can join us.

TEP, the City, and others put a lot of time and effort into exploring a path to finance the additional costs to underground a portion of this transmission line. With the defeat of Proposition 412 earlier this year, those efforts came to a stop.

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We hope you continue to stay engaged in the project as details of the project become more defined.

Comment Method: Comms/Online**Comment Date** 1/30/2024**Category** Property Owner in Study Area**Concerns Topics**

Location, Safety

Heard About Newsletter Mailing**Issues/Phone Message/Comments**

I think the most important thing to stay away from residential areas. These are high powered transmission lines. That is a fact. The only place I have seen them used is along highways and in open rural areas. By design they are more dangerous than the lower voltage distribution lines. So, it would seem to make sense to keep them away from people.

To that end, run the line up Interstate 10. Then go up Speedway Blvd and enter just south of the UA hospital. Go out the same way. The proceed up I10 to the DeMoss Petrie station.

Additional Info**Requested Info****Response sent****Response Notes:**

Thank you for your feedback regarding TEP's proposed Midtown Reliability Project. We appreciate your comments and will include them in the project record provided to the Arizona Corporation Commission (ACC).

We have noted the routing preference provided and will take that into consideration as we begin to evaluate these preliminary segments with respect to evaluation criteria informed by public comment.

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Comment Method: Comms/Online**Comment Date** 1/29/2024**Category** Live/Work near Study Area**Concerns Topics****Heard About** Project Website**Issues/Phone Message/Comments**

Of primary concern to the Tribal Historic Preservation Office of the Tohono O'odham Nation is the avoidance of ancestral archaeological sites

This will involve checking archaeological databases at the Arizona State Museum and the Arizona State Historical Preservation Office to tell what areas have been surveyed for archaeological sites and what have not

Those areas that have not been surveyed for archaeological sites will need to have surveys completed

All surveyed reports will need to be reviewed by the Tohono O'odham Nation THPO

Additional Info**Requested Info**

Response sent**Response Notes:**

Thank you for sharing your concerns on behalf of the Tohono O'odham Nation. Cultural resources are an important consideration in the planning and siting process that TEP is engaged in to identify the best route for the proposed transmission line and substation. To assist, TEP has engaged Tierra Right-of-Way services to provide expert archaeological support on the project. A review of the archaeological databases has been conducted, with data on known archaeological sites used in all of the analysis that has been conducted up to this point to inform the selection of possible routes. Once a route is approved, TEP would conduct any archaeological survey required and share the results with the Tohono O'odham Nation THPO for review.

Please do not hesitate to reach out with further questions or comments. We look forward to your continued participation in this important project.

Comment Method: Comms/Online**Comment Date** 1/29/2024**Category** Live/Work near Study Area**Concerns Topics**

Appearance, Property Value, Support Underground, Safety

Heard About**Issues/Phone Message/Comments**

I believe that tall transmission lines should not be located above ground, but rather, underground. This placement is both aesthetically pleasing (maintaining property values) and safe from high winds Please resist placing them on Campbell Avenue and the adjoining residential streets.

Additional Info**Requested Info****Response sent****Response Notes:**

Thank you for your feedback regarding TEP's proposed Midtown Reliability Project. We appreciate your comments and will include them in the project record provided to the Arizona Corporation Commission (ACC).

TEP, the City, and others put a lot of time and effort into exploring a path to finance the additional costs to underground a portion of this transmission line. With the defeat of Proposition 412 earlier this year, those efforts came to a stop.

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We have noted the routing preference provided and will take that into consideration as we begin to evaluate these preliminary segments with respect to evaluation criteria informed by public comment.

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Comment Method: Comms/Online**Comment Date** 1/26/2024**Category** Resident in Study Area**Concerns Topics**

Appearance, Location, Property Value, Support Underground, Historic

Heard About Newsletter Mailing**Issues/Phone Message/Comments**

I've been watching the high voltage transmission lines being installed on Grant road. The height of these poles may be less than or equal to the height of the proposed poles along Campbell or Tucson Blvd. These are unsightly creating a blighted appearance to that area. IN the University/Historic Neighborhoods this blighted look will permanently damage the neighborhoods, the property values and the aesthetics of the surrounding area. the only answer is to follow the City master plan and underground the lines through these historic and highly visible areas. It's so simple, good citizens follow the law, why are you so opposed to following the City master plan and the laws of our community?

Additional Info**Requested Info****Response sent****Response Notes:**

Thank you for your feedback regarding TEP's proposed Midtown Reliability Project. We appreciate your comments and will include them in the project record provided to the Arizona Corporation Commission (ACC).

No transmission line routes have been identified at this time. At this stage, only segments based upon constructability have been identified within the study area in which potential routes will be considered. You'll be able to find all the latest information, as well as the segments in the "Interactive Map" link, on the project webpage at www.tep.com/midtown. In addition, a public open house will be held on February 8th from 6:00-8:00pm at the Doubletree Reid Park. We hope you can join us.

TEP, the City, and others put a lot of time and effort into exploring a path to finance the additional costs to underground a portion of this transmission line. With the defeat of Proposition 412 earlier this year, those efforts came to a stop.

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We hope you continue to stay engaged in the project as details of the project become more defined.

Comment Method: Comms/Online**Comment Date** 1/23/2024**Category** Resident in Study Area**Concerns Topics**

Location, Support Underground

Heard About Project Website, Newsletter Mailing,
Public Meeting, Word of Mouth**Issues/Phone Message/Comments**

I believe that Tucson Blvd should not be considered for these lines. Between Speedway and Grant, Tucson Blvd is mostly residential although there are some commercial properties especially at N Tucson Blvd and E Elm St. These commercial properties are residential in scale and fit in with their neighbors.

Additional Info

I believe that the Campbell corridor should be considered, and that the lines will have to be under grounded to comply with the City of Tucson's Gateway ordinance.

Requested Info**Response sent****Response Notes:**

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Comment Method: Comms/Online**Comment Date** 1/23/2024**Category** Resident in Study Area, Live/Work near Study Area**Concerns Topics** Appearance, Location, Support Underground, Historic**Heard About** Newsletter Mailing**Issues/Phone Message/Comments**

Please do not make our city more unsightly with further overhead electrical transmission lines. Bury them underground. Please also avoid Tucson Boulevard, with its proximity to Himmel Park and the historic Sam Hughes Neighborhood.

Additional Info

You must consider the disastrous effect for years to come of marring our view with overhead power lines. Your decisions based on short-term cost concerns will irreparably damage the image of Tucson for decades.

Requested Info

Please keep me informed of the next phase of segments that you will be continuing to consider after this current round of elimination.

Response sent**Response Notes:**

Thank you for your feedback regarding TEP's proposed Midtown Reliability Project. We appreciate your comments and will include them in the project record provided to the Arizona Corporation Commission (ACC).

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Comment Method: Comms/Online**Comment Date** 1/23/2024**Category** Resident in Study Area**Concerns Topics**

Location

Heard About Newsletter Mailing**Issues/Phone Message/Comments**

i live just south of the Kino substation. I wanted to say I feel that TEP did a good job making the substation blend in with the neighborhood. I don't know if there were underground lines or not. but I don't recall really noticing those huge steel poles going up. I have noticed those big steel ones elsewhere in the city and feel if they need to be used keep them out of residential areas and maybe use them on major roadways like aviation hwy where they aren't so noticeable. just my 2 cents.

Additional Info

read above

Requested Info**Response sent****Response Notes:**

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Comment Method: Comms/Online**Comment Date** 1/23/2024**Category** Resident in Study Area**Concerns Topics**Appearance, Location, Support
Underground, Historic, Reliability**Heard About** Project Website, Newsletter Mailing,
Word of Mouth**Issues/Phone Message/Comments**

High voltage lines should as much as possible follow highway/freeway paths where they cause both less scenic damage as well as less damage to surrounding properties. Thus, Aviation Highway and I-10 should be first choices.

Historic neighborhoods and their circumference thoroughfares should be absolutely avoided.

While increasing the reliability of the mid-town grid is certainly important, in particular at the hospital, and while old equipment should certainly be brought up to date, TEP should NOT disregard quality of life in Tucson's neighborhoods. If other areas of the city and other projects have been able to include undergrounding of such lines, then, it is not unreasonable to expect the same here. Underground lines are indeed even less at risk of storm damage than massive high steel poles. If we are to modernize, then let's modernize sensibly.

Additional Info

Cost to TEP should not be the overwhelming singular consideration.

Requested Info

Unable to send response

Response Notes:

No contact information provided

Comment Method: Comms/Online

Comment Date 1/22/2024

Category Resident in Study Area

Concerns Topics

Location

Heard About Newsletter Mailing

Issues/Phone Message/Comments

The route segments along Tucson boulevard should not be used. This is a 2 lane residential street with a busy park. It is the heart of the neighborhood.

Additional Info**Requested Info**

Response sent**Response Notes:**

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We have noted the routing preference provided and will take that into consideration as we begin to evaluate these preliminary segments with respect to evaluation criteria informed by public comment.

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Comment Method: Comms/Online**Comment Date** 1/22/2024**Category** Resident in Study Area, Business Owner in Study Area**Concerns Topics** Location, Historic, Environment**Heard About** Newsletter Mailing**Issues/Phone Message/Comments**

My greatest concern regarding this project is to minimize disruption to residential areas. I believe a route that follows existing major roadways would be the least disruptive to low-income and historic neighborhoods as well as other biological and cultural criteria (as per the additional considerations cited in the newsletter) because these potential routes would bypass neighborhoods altogether (or otherwise present the least possible incursion) and are already highly developed areas given they are major roadways.

Using the map tool, it seems to me the following segments present the simplest path connecting the existing and proposed substations along major roads--roughly Grant Rd to Campbell Ave/Kino Pkwy-- 99, 100, 113, 114, 111, 109, 106, 92, 86, 84, 78, 74, 73, 77, 91, 107, 97, 67, 68, 5, 6, 4, 7, 8, 9. The total distance for this route looks to be about 12km using the map measurement tool.

Alternatively, if it is beneficial to avoid running along roadways colored in red under the Constraints overlay, the following segments seem to accomplish much the same objective, merely crossing constraint paths instead: 8, 1, 2, 3, 10, 13, 14, 15, 16, 17, 18, 24, 41, 36, 62, 88, 85, 101, 116, 117, 121, 102, 104, 97, 76, and joining the proposed substation along segments 71, 72, 87. I believe the total distance for this route was approximately 13km. However, my ignorance as to what the Constraints layer actually indicates is acknowledged, as are any further considerations beyond my basic assumption of "connect the triangles with the numbered lines."

Additional Info

Thank you for keeping the community informed. I look forward to further communications as segments are refined.

Requested Info**Response sent****Response Notes:**

Thank you for your feedback regarding TEP's proposed Midtown Reliability Project. We appreciate your comments and will include them in the project record provided to the Arizona Corporation Commission (ACC).

We have noted the routing preference provided and will take that into consideration as we begin to evaluate these preliminary segments with respect to evaluation criteria informed by public comment.

We hope you continue to stay engaged in the project as details of the project become more defined. You'll be able to find all the latest information on the project webpage at www.tep.com/midtown.

Comment Method: Comms/Online**Comment Date** 1/22/2024**Category** TEP Customer**Concerns Topics**

Renewable Energy

Heard About Newsletter Mailing**Issues/Phone Message/Comments**

Allow in town residents the freedom to be completely off-grid via solar or other alternative options. This would remove load & dependence on your structure. You have to consider that perhaps Tucson ultimately isn't engineered for so much population density and you're going to have to let go of aspects of your compulsory monopoly to allow for that.

Additional Info**Requested Info****Response sent****Response Notes:**

Thank you for your feedback regarding TEP's proposed Midtown Reliability Project. We appreciate your comments and will include them in the project record provided to the Arizona Corporation Commission (ACC).

TEP is planning to provide more than 70 percent of our power from wind and solar resources as part of a cleaner energy portfolio that will reduce carbon emissions 80 percent by 2035. I'd encourage you to view our Integrated Resource Plan, which I believe will answer many of your questions. You can access this at <https://www.tep.com/tep-2020-integrated-resource-plan/>.

We hope you continue to stay engaged in the project as details of the project become more defined. You'll be able to find all the latest information on the project webpage at www.tep.com/midtown.

Comment Method: Comms/Online**Comment Date** 1/22/2024**Category** Property Owner in Study Area**Concerns Topics**Location, Support Underground,
Historic**Heard About** Newsletter Mailing**Issues/Phone Message/Comments**

TEP should do its best to avoid impacting residential and culturally sensitive neighborhoods in determining the location of the proposed new high-voltage lines. My husband and I own two small cottages that we rent for residential purposes on Tucson Boulevard in the Blenman-Elm neighborhood. We are concerned that one of the proposed routes will run down Tucson Blvd. cutting through the middle of the Blenman-Elm and Sam Hughes neighborhoods and running on one side of the Catalina Vista neighborhood. All of these neighborhoods are designated historic and Tucson Blvd. is largely residential along the area of the proposed line. If the new line is needed, it should run along a street that is already largely commercial or industrial and not impact historic residential neighborhoods.

Additional Info

The proposed line down Tucson Blvd. appears to be a significant detour East from the proposed substation Vine and Kino substations. The line would be significantly longer if run along this route with no apparent upside and a disaster to the residential neighborhoods along its path. We believe this line should be eliminated from consideration.

Requested Info

The feasibility of placing at least part of the proposed line underground to avoid impact to sensitive residential areas. We are not persuaded by the arguments against this solution. Has it seriously been considered?

Response sent**Response Notes:**

Thank you for your feedback regarding TEP's proposed Midtown Reliability Project. We appreciate your comments and will include them in the project record provided to the Arizona Corporation Commission (ACC).

No transmission line routes have been identified at this time. At this stage, only segments based upon constructability have been identified within the study area in which potential routes will be considered.

We have noted the routing preference provided and will take that into consideration as we begin to evaluate these preliminary segments with respect to evaluation criteria informed by public comment.

TEP, the City, and others put a lot of time and effort into exploring a path to finance the additional costs to underground a portion of this transmission line. With the defeat of Proposition 412 earlier this year, those efforts came to a stop.

The ACC has stated (Decision 79140) that incurring the additional costs to underground a transmission line for purposes other than safety and reliability is inappropriate. As a result of the defeat of Prop 412 and the ACC's policy, TEP is not considering an underground transmission line. Instead, we've started fresh with a new overhead line siting process to identify the least obtrusive route possible.

We hope you continue to stay engaged in the project as details of the project become more defined. You'll be able to find all the latest information on the project webpage at www.tep.com/midtown.

Comment Method: Comms/Online

Comment Date 1/22/2024

Category Resident in Study Area

Concerns Topics

Location, Historic

Heard About Newsletter Mailing, Word of Mouth

Issues/Phone Message/Comments

I haven't yet seen by post or online a map which makes clear the segments under consideration for the area between S. 4th Ave. and S.Kino and between Broadway and 22nd St. The snarl of segments under consideration in that rather significant area, much of it registered historic districts, is indecipherable both by scale and by street names. Please help. Thanks.

Additional Info

It's hard to tell for an individual. I'm sure neighborhood associations are involved. I question the integrity of my neighborhood association officers/leaders, who have in the past secured changes in publicly announced street planning to advantage their private property, e.g. on 18th St.

Requested Info

See above. I haven't been able to get on the project web site, e.g., from the link on the Jan. 24 Energy Grid Update mailing.

Response sent**Response Notes:**

Thank you for your feedback regarding TEP's proposed Midtown Reliability Project. We appreciate your comments and will include them in the project record provided to the Arizona Corporation Commission (ACC).

You'll be able to find all the latest information, as well as the segments in the "Interactive Map" link, on the project webpage at www.tep.com/midtown. In addition, a public open house will be held on February 8th from 6:00-8:00pm at the Doubletree Reid Park.. We hope you can join us.

We hope you continue to stay engaged in the project as details of the project become more defined.

Comment Method: Comms/Online**Comment Date** 1/21/2024**Category** Resident in Study Area, Live/Work near Study Area**Concerns Topics** Appearance, Location, Support Underground, Historic, Substation**Heard About****Issues/Phone Message/Comments**

Living in Tucson, the first preference should be underground the lines. As cities grow and densify, underground lines are the only practical solution.

With that said, if lines must be placed above ground, they must follow along major arterial roads and not pass through historical or other special districts that improve scenic Tucson. Numerous neighborhood streets and smaller roads have been identified as "highly suitable", which is crazy!

Aboveground lines must only be placed along major arterials which are already semi-industrial or heavily commercial zones such as Grant or Speedway. Power lines must avoid major disruption to peoples lives or scenic Tucson. I am tired of ugly lines in residential areas.

Additional Info

Right now TEP is forcing a solution the city does not want. Just look at the actions. Trying to overrule the scenic corridor. Listing residential roads and smaller roads as "highly desirable" routes.

No ballot will get my vote as long as TEP continues to work against what people want. Try working with us residents instead.

Requested Info

Why not move the substation location? As example of better location is further south near the parking garage at the corner of Speedway and Cherry Ave or one of the nearby streets? That would allow lines to be placed along Speedway with minimal disruption to residential neighborhoods. Since this substation mostly benefits the enormous consumer (the University), they should bear the brunt of the disruption and eyesore.

Unable to send response**Response Notes:**

No contact information provided

Comment Method: Comms/Online

Comment Date 1/20/2024

Category Resident in Study Area

Concerns Topics

Appearance, Location

Heard About Newsletter Mailing

Issues/Phone Message/Comments

I appreciate reliability and redundancy, but also care about the visual blight of power poles and lines.

Additional Info

Is there any engineering reason not to double up the lines on one set of poles? It looks like the route could go north from Kino, follow Aviation to Stone, Stone to Grant, east on Grant to the Vine substation, and then back west along Grant to DeMoss Petrie. That would be a slightly longer route than most, but could utilize poles along Grant that would already be required for the Vine to DeMoss Petrie route. And it would follow several major roads (Aviation, Stone, Grant) that already have heavy commercial and industrial infrastructure.

Requested Info

Response sent**Response Notes:**

Thank you for your thoughts on a potential routing solution. No, there is not an engineering reason that TEP cannot place two lines (circuits) on the same set of poles. In fact there are many examples around town with 2, 3, or even 4 circuits on the same set of structures. From a reliability perspective it is preferred to have independent paths, but we understand that in an urban environment finding a solution that minimizes impact to both the natural and built environment requires compromise. The solution you are recommended compromises reliability in order to minimize visual impacts, but is certainly worth considering.”

We hope you continue to stay engaged in the project as details of the project become more defined. You'll be able to find all the latest information on the project webpage at www.tep.com/midtown.

Comment Method: Comms/Online

Comment Date 1/11/2024

Category Resident in Study Area

Concerns Topics

Location, Environment

Heard About Public Meeting

Issues/Phone Message/Comments

There are 2 reasons that I strongly oppose the 442 Rt in the residential neighborhood between Country Club and Tucson Blvd.

1. East of Treat, the street (Winsett) is exceptionally narrow. There are the backyards of Stratford St on the North side with very little easement. On the South side of Winsett, there are the front porches of Country Club Manor Condominiums with no easement.
2. West of Treat, the backyards of Stratford continue and then the 442 Rt runs along or in the Citation Wash. Planting poles with a lot of concrete is an environmental disaster. Washes should be free of concrete in order to allow what little rain that falls to percolate into the ground and refill our aquifer.

The Tucson Reliability Project will provide better service but this should not be done at the expense of residential neighborhoods and our precious resources.

Additional Info

Maybe there can be a conversation about conservation and the environment with city officials and residents.

Requested Info**Response sent****Response Notes:**

Thank you for your feedback regarding TEP's proposed Midtown Reliability Project. We appreciate your comments and will include them in the project record provided to the Arizona Corporation Commission (ACC).

We have noted the specific routing preference provided and will take that into consideration as we begin to evaluate these preliminary segments with respect to evaluation criteria informed by public comment.

A member of our Neighborhood Advisory Group let us know about the City's plans to close down a lane of traffic along Winsett and to build a multi-use path. We've noted these plans to be considered in the evaluation of the preliminary segments.

We hope you continue to stay engaged in the project as details of the project become more defined. You'll be able to find all the latest information on the project webpage at www.tep.com/midtown.

Comment Method: Comms/Online

Comment Method: Comms/Online**Comment Date** 1/10/2024**Category** Resident in Study Area**Concerns Topics**

Location, Historic, Safety, Environment

Heard About Word of Mouth**Issues/Phone Message/Comments**

I live on E. Stratford Drive in the Broadmoor neighborhood. I am extremely concerned about E. Stratford/Winsett being listed as an "opportunity route" with TEP. I strongly oppose Route #442 for these 4 reasons:

*Work has just begun on Winsett as part the Arroyo Chico Greenway multi-use project, as part of Proposition 407. Winsett is a very busy and exceedingly narrow street. Residents of both Broadmoor and Arroyo Chico neighborhood bicycle, walk, and dog walk. Winsett is the gateway street that leads to the hawk light at Country Club that allows pedestrians and cyclists to cross over to Reid Park. The street runs between houses in the Broadmoor neighborhood and the Arroyo Chico neighborhood.

Winsett will now become a one-way street with the Arroyo Chico Greenway project underway, and the street will host a multi-use path. The finished design of the project will connect this part of the multi-use path to 3 other segments of the Greenway and will beautifully encourage even more people to travel Winsett. Running tall electrical towers along a multi-use path will be incompatible and detrimental to the purpose of a multi-use path.

*Robison Elementary School is located less than a half block from the possible route. Powerlines so closely located to a neighborhood elementary school is both harmful and unsafe to the lives of children.

*This route would also run towers through Citation Wash, which is a flood basin and riparian area that leads into Reid Park.

*Broadmoor neighborhood has Historic Designation, and the addition of power lines would change the features of the historic designation as it was established.

For these 4 reasons, that provide significant restraints, in addition to strong neighborhood opposition, would not make Route #442 a viable segment for placing the towers.

I request this segment be reclassified as one with serious constraints, and *not* be considered as a viable route.

Thank you.

Additional Info**Requested Info****Response sent****Response Notes:**

Thank you for your feedback regarding TEP's proposed Midtown Reliability Project. We appreciate your comments and will include them in the project record provided to the Arizona Corporation Commission (ACC).

We have noted the specific routing preference provided and will take that into consideration as we begin to evaluate these preliminary segments with respect to evaluation criteria informed by public comment.

Comment Method: Comms/Online

No transmission line routes have been identified at this time. At this stage, only segments based upon constructability have been identified within the study area in which potential routes will be considered.

A member of our Neighborhood Advisory Group let us know about the City's plans to close down a lane of traffic along Winsett and to build a multi-use path. We've noted these plans to be considered in the evaluation of the preliminary segments.

As a result of a number of comments citing the environmental sensitivities of Arroyo Chico and its importance to the community, the arroyo will be classified as a constraint in our siting study.

We hope you continue to stay engaged in the project as details of the project become more defined. You'll be able to find all the latest information on the project webpage at www.tep.com/midtown.

Comment Method: Comms/Online**Comment Date** 1/9/2024**Category** Resident in Study Area, Live/Work near Study Area**Concerns Topics** Health, Location, Historic, Environment**Heard About** Word of Mouth**Issues/Phone Message/Comments**

I recognize the need to update our existing energy grid, and I appreciate the fact that TEP has undertaken this project. I also recognize that few people would want such a system running through their neighborhood. Having said this, I'd like to make note of my reservations. Broadmoor neighborhood, and Stratford Drive where I live, is a distinctive, historic, and family-friendly neighborhood. Unlike much of the greater Tucson area, it still has the feeling of a real neighborhood with a great variety of houses. I loved living here. Flocks of birds live here. Javelina regularly move through. Most importantly, many families with children live here. I want this to continue to be the case. My neighbor, who has 2 children, has said that she'll leave if the line runs down Winsett. I'm certain she's not alone in this. Please design, build, and locate this necessary project so that it has the least chance of harming the health of children, destroying the unique & warm character of the Broadmoor neighborhood, and of disrupting the pathways that bring birds and other wildlife through.

Additional Info**Requested Info****Response sent****Response Notes:**

Thank you for your feedback regarding TEP's proposed Midtown Reliability Project. We appreciate your comments and will include them in the project record provided to the Arizona Corporation Commission (ACC).

We have noted the routing preference provided and will take that into consideration as we begin to evaluate these preliminary segments with respect to evaluation criteria informed by public comment.

A member of our Neighborhood Advisory Group let us know about the City's plans to close down a lane of traffic along Winsett and to build a multi-use path. We've noted these plans to be considered in the evaluation of the preliminary segments.

We hope you continue to stay engaged in the project as details of the project become more defined. You'll be able to find all the latest information on the project webpage at www.tep.com/midtown.

Comment Method: Comms/Online**Comment Date** 1/9/2024**Category** Resident in Study Area**Concerns Topics**

Appearance, Location, Historic

Heard About Newsletter Mailing, Word of Mouth**Issues/Phone Message/Comments**

We are very concerned to hear about the area that TEP is thinking to install powerlines (specially on Winsett St.).

There are several reasons that this is a very bad location:

*the Arroyo Chico Greenway project is going to be there with two bike lanes, landscaping, and a one-way street. This is an area to be enjoyed by bikers and pedestrians, not an area to install visible eyesores.

*This area receives heavy pedestriation foot traffic as it's close to the Reid Park recreation area and entire neighborhoods traverse this path to recreate there. Again, an area to be enjoyed.

*The Broadmoore Historic District just received historic neighborhood status--something the neighborhood has worked for for many years. Installation would absolutely detract from that status and become an eyesore for the neighborhood. The neighborhood is community-oriented and vocal--if Winsett is determined as a street, TEP can expect vociferous protests from the Broadmoor community.

My husband and I strongly encourage TEP to find alternatives to Windsett St. for the installation of these power lines.

Additional Info**Requested Info****Response sent****Response Notes:**

Thank you for your feedback regarding TEP's proposed Midtown Reliability Project. We appreciate your comments and will include them in the project record provided to the Arizona Corporation Commission (ACC).

No transmission line routes have been identified at this time. At this stage, only segments based upon constructability have been identified within the study area in which potential routes will be considered.

We have noted the routing preference provided and will take that into consideration as we begin to evaluate these preliminary segments with respect to evaluation criteria informed by public comment.

A member of our Neighborhood Advisory Group let us know about the City's plans to close down a lane of traffic along Winsett and to build a multi-use path. We've noted these plans to be considered in the evaluation of the preliminary segments.

As a result of a number of comments citing the environmental sensitivities of Arroyo Chico and its importance to the community, the arroyo will be classified as a constraint in our siting study.

We hope you continue to stay engaged in the project as details of the project become more defined. You'll be able to find all the latest information on the project webpage at www.tep.com/midtown.

Comment Method: Comms/Online**Comment Date** 1/9/2024**Category** Resident in Study Area**Concerns Topics**

Location, Historic, Environment

Heard About Newsletter Mailing, Word of Mouth**Issues/Phone Message/Comments**

I submitted a comment specifically about power lines placed on Winsett St, but after reviewing the map realized that power lines are also, according to the plan, going to be placed inside the Arroyo Chico wash!

This is a *TERRIBLE* idea. That wash is home to many birds and other wildlife. In addition, it is a place that many people in our historic neighborhood walk alongside to recreate. This would be VERY damaging both to wildlife and people.

Additional Info**Requested Info**

Response sent**Response Notes:**

I replied to your initial comment at 12:25pm today addressing both Winsett and Arroyo Chico.

We are taking the City's plans regarding Winsett into consideration and we have marked the Arroyo Chico segment as a constraint. We are currently working on getting the Interactive Map up to date.

I would also like to reiterate that no transmission line routes have been identified at this time. At this stage, only segments based upon constructability have been identified within the study area in which potential routes will be considered.

Please let me know if you have any further comments or questions.

Comment Method: Comms/Online**Comment Date** 1/8/2024**Category** Resident in Study Area, Live/Work near Study Area**Concerns Topics** Health, Appearance, Location, Property Value, Historic, Environment**Heard About** Word of Mouth**Issues/Phone Message/Comments**

I oppose this project. I'm a long time resident of Broadway-Broadmoor and this project would cause irreversible damage to our area. One, the installation of the project would directly impact our neighborhood's historical status, creating an architectural and landscape affront to what is a meticulous and well-kept area. The installation will impact property values, sightlines, and architectural integrity. Two, our neighborhood is home to a vast array of desert animals: hawks, javelina, various birds, rabbits, lizards, and coyotes. The installation itself will cause mass upheaval to natural inhabitants of this neighborhood, impacting their health and numbers. Directly across the street from me is a natural thruway path between two houses that is in constant use by javelina and coyote to reach the arroyo on the other side. That arroyo and Arroyo Chico are safe pathways and homes to numerous javelina and coyote, keeping them safe from streets and traffic. This installation will impact their survival routes, health, and routine, possibly causing injury and death. This project will also directly impact the health and well being of many neighborhood residents, many of whom are elderly/physically impaired, or currently battling life-threatening illnesses. If moved forward, the process of installing this project will cause traffic, noise, and construction upheaval that will directly impact the physical and emotional health of many people in the neighborhood.

Additional Info**Requested Info****Response sent****Response Notes:**

Thank you for your feedback regarding TEP's proposed Midtown Reliability Project. We appreciate your comments and will include them in the project record provided to the Arizona Corporation Commission (ACC).

We have noted the routing preference provided and will take that into consideration as we begin to evaluate these preliminary segments with respect to evaluation criteria informed by public comment.

As a result of a number of comments citing the environmental sensitivities of Arroyo Chico and its importance to the community, the arroyo will be classified as a constraint in our siting study.

We hope you continue to stay engaged in the project as details of the project become more defined. You'll be able to find all the latest information on the project webpage at www.tep.com/midtown.

Comment Method: Comms/Online**Comment Date** 1/7/2024**Category** Resident in Study Area**Concerns Topics**

Cost

Heard About Newsletter Mailing**Issues/Phone Message/Comments**

While I am all for increasing the reliability and availability of the grid, my main concerns are ones that I'm sure many people have already expressed - where is the money for this project coming from, and who will be negatively impacted by it?

To make a specific example, the Vine substation listed on the website will cost \$34 million to build. Who will be paying for that - the City of Tucson, TEP, or TEP's customers? A lot of Tucsonans already struggle to pay their electric bills normally - increasing rates to have us pay for TEP's projects could hurt a lot of us, especially seeing as how TEP is one of Tucson's only electricity suppliers, and seeing how electric bills already skyrocket in the summer, which is the closest date to the project start listed on the website. Such a monopolic situation would force the community to pay even higher bills, which they may not be capable of doing, which would ultimately harm the people TEP is attempting to help. Additionally, how would this project impact rates in the future? Would TEP be able to commit to bringing rates back to or even lower than where they were before the start of the project, or would rates raise at some point and remain raised as a result of this project? That would also ultimately hurt the community, for similar reasons as what I stated earlier.

Ultimately, because the Midtown Reliability Project appears to be born out of TEP, rather than Tucson's citizens, I find myself skeptical about the Project when I consider who will be paying for it. Forcing the community to pay for it, or pay more because of it, is ultimately counterproductive.

Additional Info**Requested Info****Unable to send response****Response Notes:**

No contact information provided

Comment Method: Comms/Online**Comment Date** 1/3/2024**Category** Resident in Study Area, Live/Work
near Study Area**Concerns Topics** Cost, Appearance**Heard About** Other**Issues/Phone Message/Comments**

skyline views-sunset and mountain- are valued in Tucson; they are part of our community character. As early as the 1950s developers were locating their utilities underground to protect these views. Every effort should be made to minimize the impact this installation has on this valued community asset.

The growth of the University of Arizona is largely driving the increased demand. The increase in the campus size, the increase in the campus population, and the increase in the supporting housing have all grown considerably in recent years. By contrast, existing nearby neighborhoods have likely reduced their energy consumption in recent years, with more efficient hvac and lighting systems. The university should bear the brunt of the impact and contribute to the cost to minimize the impact on its neighbors.

Additional Info**Requested Info****Response sent****Response Notes:**

Thank you for your feedback regarding TEP's proposed Midtown Reliability Project. We appreciate your comments and will include them in the project record provided to the Arizona Corporation Commission (ACC).

TEP, the City, and others put a lot of time and effort into exploring a path to finance the additional costs to underground a portion of this transmission line. With the defeat of Proposition 412 earlier this year, those efforts came to a stop.

The ACC has stated (Decision 79140) that incurring the additional costs to underground a transmission line for purposes other than safety and reliability is inappropriate. As a result of the defeat of Prop 412 and the ACC's policy, TEP is not considering an underground transmission line. Instead, we've started fresh with a new overhead line siting process to identify the least obtrusive route possible.

We hope you continue to stay engaged in the project as details of the project become more defined. You'll be able to find all the latest information on the project webpage at www.tep.com/midtown.

Comment Method: Comms/Online**Comment Date** 1/2/2024**Category** Resident in Study Area, Live/Work near Study Area**Concerns Topics** Location, Support Underground, Historic**Heard About** Project Website, Newsletter Mailing, Public Meeting, Word of Mouth**Issues/Phone Message/Comments**

If you cannot follow the existing rules for the historic Jefferson Park, you need to come up with a different solution. If you don't want to go underground, go elsewhere.

Additional Info

How much have you already spent trying to skirt the existing rules for building this project and none of it has gone towards putting the lines underground.

Requested Info**Response sent****Response Notes:**

Thank you for your feedback regarding TEP's proposed Midtown Reliability Project. We appreciate your comments and will include them in the project record provided to the Arizona Corporation Commission (ACC).

No transmission line routes have been identified at this time. At this stage, only segments based upon constructability have been identified within the study area in which potential routes will be considered. You'll be able to find all the latest information, as well as the segments in the "Interactive Map" link, on the project webpage at www.tep.com/midtown.

TEP, the City, and others put a lot of time and effort into exploring a path to finance the additional costs to underground a portion of this transmission line. With the defeat of Proposition 412 earlier this year, those efforts came to a stop.

The ACC has stated (Decision 79140) that incurring the additional costs to underground a transmission line for purposes other than safety and reliability is inappropriate. As a result of the defeat of Prop 412 and the ACC's policy, TEP is not considering an underground transmission line. Instead, we've started fresh with a new overhead line siting process to identify the least obtrusive route possible.

We hope you continue to stay engaged in the project as details of the project become more defined. In addition, a public open house will be held on February 8th from 6:00-8:00pm at the Doubletree Reid Park. We hope you can join us.

Comment Method: Comms/Online

Comment Method: Comms/Online**Comment Date** 12/31/2023**Category** Resident in Study Area**Concerns Topics**Health, Location, Property Value,
Support Underground, Historic,
Environment**Heard About** Word of Mouth**Issues/Phone Message/Comments**

I've heard the lines are potentially going down WINSETT which is where I exit enter my unit as to many others (Off winset) since we live in a single-story complex with separate parking and due to our location the alley is less of a walk than our front door on 17th. Regardless, I will probably be able to hear and feel these lines as I am sensitive to EMFs and have auto-immune issues. People who live here at the vintage 1948 Country Club Condos take pride in our community. This would be a travesty to put such an eye soar and health hazard up so close to where I sleep, bathe, eat, LIVE! As well as by the park! We have wildlife daily javalina, coyotes, dog walkers etc. No one is going to walk this route. I am sickened by this thought and although I purchased this unit as my retirement place I may have to MOVE to live in a condition that is healthy and acceptable to my needs. This type of line should be put down south near the train tracks not in the center of two beautiful historic areas! PLEASE DO NOT DO THIS! I am getting ready to make upgrades to my place, but this will lower my home value, so now I am questioning what to do at all! TEP SHOULD PUT UNDERGROUND OR GO SOUTH, STAY OUT OF NEIGHBORHOODS!!!!!!!!!!!! I BEG YOU!

Additional Info

DON'T DO THIS! I NEVER RECEIVED A BALLOT WITH THIS CRAZY INFORMATION TO VOTE!!!! HOW DARE YOU PUT THIS UP ON LITERALLY ON TOP OF MY PLACE !!!!!

Requested Info

WHAT THE HELL IS GOING ON!

Response sent**Response Notes:**

Thank you for your feedback regarding TEP's proposed Midtown Reliability Project. We appreciate your comments and will include them in the project record provided to the Arizona Corporation Commission (ACC).

No transmission line routes have been identified at this time. At this stage, only segments based upon constructability have been identified within the study area in which potential routes will be considered.

A member of our Neighborhood Advisory Group let us know about the City's plans to close down a lane of traffic along Winsett and to build a multi-use path. We've noted these plans to be considered in the evaluation of the preliminary segments.

TEP, the City, and others put a lot of time and effort into exploring a path to finance the additional costs to underground a portion of this transmission line. With the defeat of Proposition 412 earlier this year, those efforts came to a stop.

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We hope you continue to stay engaged in the project as details of the project become more defined. You'll be able to

Comment Method: Comms/Online

find all the latest information, as well as the segments in the “Interactive Map” link, on the project webpage at www.tep.com/midtown.

Comment Method: Comms/Online

Comment Date 12/26/2023

Category Business Owner in Study Area

Concerns Topics

Location, Safety

Heard About Project Website, Newsletter Mailing

Issues/Phone Message/Comments

I just want to make sure power lines are away from schools as possible (charter, private, and traditional public) for safety reasons.

Additional Info**Requested Info**

Response sent**Response Notes:**

Thank you for your feedback regarding TEP's proposed Midtown Reliability Project. We appreciate your comments and will include them in the project record provided to the Arizona Corporation Commission (ACC).

We have noted the preference provided and will take that into consideration as we begin to evaluate these preliminary segments with respect to evaluation criteria informed by public comment.

We hope you continue to stay engaged in the project as details of the project become more defined. You'll be able to find all the latest information on the project webpage at www.tep.com/midtown.

Comment Method: Comms/Online

Comment Date 12/24/2023

Category Resident in Study Area

Concerns Topics

Health, Location, Historic

Heard About Word of Mouth

Issues/Phone Message/Comments

I have been informed that the newest proposed area for improved power lines is the street directly behind my home (Winsett). My neighbor has two young children and suffers from a rare form of blood cancer. The possibility of this install is very detrimental to her health simply because of the stress it is already causing her. Our homes have historic status and in addition to her health concerns, she is worried it will impact that. The area is also slated to become a new multi-use pathway and the addition of power lines would seem to hinder that.

Additional Info**Requested Info**

Response sent**Response Notes:**

Thank you for your feedback regarding TEP's proposed Midtown Reliability Project. We appreciate your comments and will include them in the project record provided to the Arizona Corporation Commission (ACC).

No transmission line routes have been identified at this time. At this stage, only segments based upon constructability have been identified within the study area in which potential routes will be considered.

A member of our Neighborhood Advisory Group let us know about the City's plans to close down a lane of traffic along Winsett and to build a multi-use path. We've noted these plans to be considered in the evaluation of the preliminary segments.

We hope you continue to stay engaged in the project as details of the project become more defined. You'll be able to find all the latest information, as well as the segments in the "Interactive Map" link, on the project webpage at www.tep.com/midtown.

Comment Method: Comms/Online

Comment Method: Comms/Online**Comment Date** 12/23/2023**Category** Resident in Study Area, Live/Work near Study Area**Concerns Topics** Health, Location, Historic, Environment**Heard About** Project Website, Newsletter Mailing, Word of Mouth**Issues/Phone Message/Comments**

I am writing to you with a deep sense of urgency and concern regarding the proposed installation of electrical poles directly behind my property. This plan, I fear, profoundly overlooks several critical aspects that not only affect the well-being of my family and myself but also significantly impact environmental and community interests.

Firstly, it is imperative to recognize that my property is registered as a historical property. Erecting modern electrical infrastructure in such proximity would undermine the historical integrity of the area. It is not only a disservice to our community's heritage but also potentially violates regulations protecting historic properties.

Additionally, my property serves as an avian refuge, boasting trees that have been a sanctuary for birdlife, including rare species, for over 70 years. The proposed electrical poles would not only disrupt this habitat but could also pose a direct threat to the birds, especially during migration seasons.

The presence of many families of javelina and coyotes on my land further underscores its status as a critical wildlife corridor. Nestled between two arroyos, this area is a thriving ecosystem for local fauna. Introducing electrical poles and the associated human activity would disrupt the delicate balance of this ecosystem, potentially causing irreversible damage to the wildlife populations.

Furthermore, the area is slated to become a recreational bikeway, enhancing our community's access to outdoor activities and promoting a healthy, active lifestyle. The installation of electrical poles in this vicinity could deter this development, robbing the community of a valuable resource for recreation and well-being.

On a more personal note, I am compelled to express my health concerns. As someone battling blood cancer, the proximity of high-voltage electrical infrastructure raises serious apprehensions. Research indicates potential health risks associated with exposure to electromagnetic fields (EMFs), particularly for individuals with existing health conditions. The thought of my young children being exposed to such risks is deeply troubling.

In light of these considerations, I strongly urge you to reassess the proposed plan and explore alternative locations for the electrical poles. The current proposal not only jeopardizes the environmental integrity and historical significance of our area but also poses potential health risks and disrupts community development projects.

I look forward to your prompt response. Thank you for your attention to this matter

Additional Info**Requested Info****Response sent****Response Notes:**

Thank you for your feedback regarding TEP's proposed Midtown Reliability Project. We appreciate your comments and will include them in the project record provided to the Arizona Corporation Commission (ACC).

Comment Method: Comms/Online

No transmission line routes have been identified at this time. At this stage, only segments based upon constructability have been identified within the study area in which potential routes will be considered.

A member of our Neighborhood Advisory Group let us know about the City's plans to close down a lane of traffic along Winsett and to build a multi-use path. We've noted these plans to be considered in the evaluation of the preliminary segments.

We hope you continue to stay engaged in the project as details of the project become more defined. You'll be able to find all the latest information, as well as the segments in the "Interactive Map" link, on the project webpage at www.tep.com/midtown.

Comment Method: Comms/Online**Comment Date** 12/4/2023**Category** Resident in Study Area**Concerns Topics**

Location, Historic

Heard About Public Meeting, Word of Mouth,
Other**Issues/Phone Message/Comments**

Historic districts.

Additional Info

In Tucson City Council Member Kozachik's current (12/4/23) newsletter, he has reproduced a TEP map which shows, among other things, the neighborhoods in the study area that are designated as historic. Our neighborhood, Broadmoor-Broadway Village (BBVN), has been listed as the Broadmoor Historic District on the National Register of Historic Places, but is not represented as such on the map. Please be sure that BBVN is correctly identified as historic as you consider routing options. Thank you.

Requested Info**Response sent****Response Notes:**

Thank you for catching that! TEP has not yet conducted a full cultural resource review of the project study area to identify all listed properties, or properties eligible for listing. We were using old data for the map you referenced, which was preliminary and never intended to be shared broadly. We will definitely include Broadmoor-Broadway Village with its correct designation as a historic neighborhood on our maps in the future and for purposes of analysis.

We hope you continue to stay engaged in the project as details of the project become more defined. You'll be able to find all the latest information on the project webpage at www.tep.com/midtown.

Comment Method: Comms/Online

Comment Date 12/4/2023

Category Resident in Study Area

Concerns Topics

Heard About Newsletter Mailing

Issues/Phone Message/Comments

How project affects the properties adjacent to TEP easements and timelines as well as other impacts of projects on existing structures and properties.

Additional Info**Requested Info**

project management information

Response sent**Response Notes:**

Thank you for your feedback regarding TEP's proposed Midtown Reliability Project. We appreciate your comments and will include them in the project record provided to the Arizona Corporation Commission (ACC).

No specific route has been identified for the project at this time, so it's premature to answer definitively and for any specific location. However, TEP anticipates the transmission line would be located within road right-of-way, resulting in no impact to private properties or existing structures.

Pertaining to project management, the planning and transmission line siting process is anticipated to continue through Q2 of 2024. TEP plans to have a preferred, and possibly alternative routes identified in March/April 2024. An application for a Certificate of Environmental Compatibility (CEC), authorizing construction of the transmission line in a specific route, will be submitted shortly thereafter. The application will be vetted in a public hearing before the Arizona Power Plant and Transmission Line Siting Committee is tentatively scheduled for July 2024. Once the CEC has been granted, TEP will apply to the City of Tucson for a Special Exception Land Use Permit authorizing the proposed Vine Substation. TEP's project schedule details all permits received by early 2025, with construction beginning in 2026 and the transmission line and substation energized and operational in 2027.

We hope you continue to stay engaged in the project as details of the project become more defined. You'll be able to find all the latest information on the project webpage at www.tep.com/midtown.

Comment Method: Comms/Online**Comment Date** 11/28/2023**Category** Resident in Study Area, Live/Work
near Study Area**Concerns Topics**

Location

Heard About Project Website, Newsletter Mailing,
Word of Mouth**Issues/Phone Message/Comments**

Since the study area has expanded away from Campbell, the original placement for these, new concerns arise. Please only stick these on major streets (Speedway? Grant?) and avoid running them through quieter residential roads like those in Blenman/Elm. I consider Treat BLVD to also be a quieter residential road. If Speedway or Grant can be used to bypass anything in the neighborhood in between, please do that.

Secondly and very importantly to me, please avoid adding even more street lights to these poles, as we have plenty in our area and our residents highly value being a dark-sky city in a neighborhood that still affords an amount of natural darkness at night.

Additional Info**Requested Info****Response sent****Response Notes:**

Thank you for your feedback regarding TEP's proposed Midtown Reliability Project. We appreciate your comments and will include them in the project record provided to the Arizona Corporation Commission (ACC).

While a lot of work was done around the previous Kino to DMP 138kV Transmission Line Project, we are beginning fresh, and are only in the initial planning phases of the Midtown Reliability Project.

No transmission line routes have been identified at this time. At this stage, only segments based upon constructability have been identified within the study area in which potential routes will be considered. You'll be able to find all the latest information, as well as the segments in the "Interactive Map" link, on the project webpage at www.tep.com/midtown.

We hope you continue to stay engaged in the project as details of the project become more defined.

Comment Method: Comms/Online**Comment Date** 11/27/2023**Category** Resident in Study Area**Concerns Topics**Appearance, Location, Historic,
Environment**Heard About** Newsletter Mailing, Public Meeting,
Word of Mouth**Issues/Phone Message/Comments**

I attended the public meeting on November 16th and spoke with several TEP representatives regarding your routes labeled "opportunity" or "constraint". I listened to the reasoning and asked clarifying questions. My primary focus was on route 444 since it would intersect my neighborhood and run quite close to my (historic) house. Coming out of your meeting, I oppose the use of route 444 (the Arroyo Chico wash) for the TEP midtown upgrade poles. This wash is a riparian area as well as the primary storm water route through the Broadmoor-Broadway Village neighborhood. It is quite narrow (30 ft?), and I do not see how large poles could be used within or on the sides of the wash without extreme damage to the flora, fauna, and natural infrastructure, as well as a major eyesore through the heart of this nationally designated historic neighborhood. The Arroyo Chico wash is an important part of this residential neighborhood. It provides a cool shady place to walk. The pedestrian bridge that crosses the wash is a gathering place for neighbors, where children can meet up to run and play and parents can socialize. I cannot imagine that happening directly under your wires. This is not an appropriate site for your power lines. There is strong opposition from the neighborhood.

Additional Info**Requested Info****Response sent****Response Notes:**

Thank you for your feedback regarding TEP's proposed Midtown Reliability Project. We appreciate your comments and will include them in the project record provided to the Arizona Corporation Commission (ACC).

As a result of a number of comments citing the environmental sensitivities of Arroyo Chico and its importance to the community, the arroyo will be classified as a constraint in our siting study.

We hope you continue to stay engaged in the project as details of the project become more defined. You'll be able to find all the latest information on the project webpage at www.tep.com/midtown.

Comment Method: Comms/Online**Comment Date** 11/22/2023**Category** Resident in Study Area**Concerns Topics**

Location, Historic, Environment

Heard About Project Website, Newsletter Mailing,
Public Meeting, Word of Mouth**Issues/Phone Message/Comments**

I do not believe 444 is a viable route for the poles in the wash from the perspective of the wash. I don't believe any section of this is even 35 feet wide. The top of the bank, oleanders, are protected habitat for the Mexican lizards that run the neighborhood.

The neighborhood itself has historic status and part of that application included the arroyo, its vegetation and the islands throughout the neighborhood.

I believe your machines in there efforts to put in the poles would destroy the arroyo/ or the banks.

For these reasons, I oppose 444 as a viable plan for the TEP upgrade.

Additional Info**Requested Info****Response sent****Response Notes:**

Thank you for your feedback regarding TEP's proposed Midtown Reliability Project. We appreciate your comments and will include them in the project record provided to the Arizona Corporation Commission (ACC).

We have noted the specific routing preference provided and will take that into consideration as we begin to evaluate these preliminary segments with respect to evaluation criteria informed by public comment.

We hope you continue to stay engaged in the project as details of the project become more defined. You'll be able to find all the latest information on the project webpage at www.tep.com/midtown.

Comment Method: Comms/Online**Comment Date** 11/22/2023**Category** Resident in Study Area, Live/Work near Study Area**Concerns Topics** Appearance, Support Underground**Heard About** Newsletter Mailing**Issues/Phone Message/Comments**

Don't you dare irreparably uglify our city further by installing more above-ground poles with electrical lines. Bury your ghastly cables!

Additional Info**Requested Info****Response sent****Response Notes:**

Thank you for your feedback regarding TEP's proposed Midtown Reliability Project. We appreciate your comments and will include them in the project record provided to the Arizona Corporation Commission (ACC).

TEP, the City, and others put a lot of time and effort into exploring a path to finance the additional costs to underground a portion of this transmission line. With the defeat of Proposition 412 earlier this year, those efforts came to a stop.

The ACC has stated (Decision 79140) that incurring the additional costs to underground a transmission line for purposes other than safety and reliability is inappropriate. As a result of the defeat of Prop 412 and the ACC's policy, TEP is not considering an underground transmission line. Instead, we've started fresh with a new overhead line siting process to identify the least obtrusive route possible.

We hope you continue to stay engaged in the project as details of the project become more defined. You'll be able to find all the latest information on the project webpage at www.tep.com/midtown.

Comment Method: Comms/Online**Comment Date** 11/21/2023**Category** Resident in Study Area**Concerns Topics**Appearance, Location, Support
Underground**Heard About** Newsletter Mailing**Issues/Phone Message/Comments**

Undesirable aesthetic outcome of overhead power lines next to where I live in Miramonte neighborhood. I would prefer undergrounding of power lines either down Campbell Ave or Country Club road.

Additional Info

Add value by undergrounding power lines.

Requested Info**Response sent****Response Notes:**

Thank you for your feedback regarding TEP's proposed Midtown Reliability Project. We appreciate your comments and will include them in the project record provided to the Arizona Corporation Commission (ACC).

No transmission line routes have been identified at this time. At this stage, only segments based upon constructability have been identified within the study area in which potential routes will be considered. You'll be able to find all the latest information, as well as the segments in the "Interactive Map" link, on the project webpage at www.tep.com/midtown.

TEP, the City, and others put a lot of time and effort into exploring a path to finance the additional costs to underground a portion of this transmission line. With the defeat of Proposition 412 earlier this year, those efforts came to a stop.

The ACC has stated (Decision 79140) that incurring the additional costs to underground a transmission line for purposes other than safety and reliability is inappropriate. As a result of the defeat of Prop 412 and the ACC's policy, TEP is not considering an underground transmission line. Instead, we've started fresh with a new overhead line siting process to identify the least obtrusive route possible.

We hope you continue to stay engaged in the project as details of the project become more defined.

Comment Method: Comms/Online**Comment Date** 11/20/2023**Category** Resident in Study Area**Concerns Topics**Cost, Appearance, Location, Support
Underground**Heard About** Project Website, Newsletter Mailing,
Public Meeting, Word of Mouth**Issues/Phone Message/Comments**

Large poles carrying the line are unacceptable to residents of this area. Country Club is already a narrow thoroughfare. Do not rob these midtown neighborhoods of their beauty and charm! Underground the lines to preserve our beautiful city, and your corporate reputation!

Additional Info

Costs and profits.

Requested Info**Response sent****Response Notes:**

Thank you for your feedback regarding TEP's proposed Midtown Reliability Project. We appreciate your comments and will include them in the project record provided to the Arizona Corporation Commission (ACC).

No transmission line routes have been identified at this time. At this stage, only segments based upon constructability have been identified within the study area in which potential routes will be considered. You'll be able to find all the latest information, as well as the segments in the "Interactive Map" link, on the project webpage at www.tep.com/midtown.

TEP, the City, and others put a lot of time and effort into exploring a path to finance the additional costs to underground a portion of this transmission line. With the defeat of Proposition 412 earlier this year, those efforts came to a stop.

The ACC has stated (Decision 79140) that incurring the additional costs to underground a transmission line for purposes other than safety and reliability is inappropriate. As a result of the defeat of Prop 412 and the ACC's policy, TEP is not considering an underground transmission line. Instead, we've started fresh with a new overhead line siting process to identify the least obtrusive route possible.

We hope you continue to stay engaged in the project as details of the project become more defined.

Comment Method: Comms/Online**Comment Date** 11/20/2023**Category** Resident in Study Area, Business Owner in Study Area, Live/Work near Study Area**Concerns Topics** Location, Support Underground**Heard About** Project Website, Newsletter Mailing**Issues/Phone Message/Comments**

My wife and I are property/ business owners in both Rincon Heights, and Sam Hughes. As a retired general contractor and community member, I have a common sense solution to the problem of above or below ground installation. Bring the service from the Kino Substation above ground to the intersection of Broadway and Campbell. Then below ground from that point North along Campbell Avenue.

Additional Info**Requested Info****Response sent****Response Notes:**

Thank you for your feedback regarding TEP's proposed Midtown Reliability Project. We appreciate your comments and will include them in the project record provided to the Arizona Corporation Commission (ACC).

TEP, the City, and others put a lot of time and effort into exploring a path to finance the additional costs to underground a portion of this transmission line. With the defeat of Proposition 412 earlier this year, those efforts came to a stop.

The ACC has stated (Decision 79140) that incurring the additional costs to underground a transmission line for purposes other than safety and reliability is inappropriate. As a result of the defeat of Prop 412 and the ACC's policy, TEP is not considering an underground transmission line. Instead, we've started fresh with a new overhead line siting process to identify the least obtrusive route possible.

We hope you continue to stay engaged in the project as details of the project become more defined. You'll be able to find all the latest information on the project webpage at www.tep.com/midtown.

Comment Method: Comms/Online**Comment Date** 11/19/2023**Category** Resident in Study Area**Concerns Topics**Location, Support Underground,
Substation**Heard About** Newsletter Mailing, Word of Mouth**Issues/Phone Message/Comments**

The new substation should not be in a residential neighborhood. Above ground lines should be put on major streets and routes, not in residential neighborhoods. Major streets and routes should not be avoided just because city code requires under grounding of lines. TEP is not exempt from city codes and should not try to get around them.

Additional Info**Requested Info****Response sent****Response Notes:**

Thank you for your feedback regarding TEP's proposed Midtown Reliability Project. We appreciate your comments and will include them in the project record provided to the Arizona Corporation Commission (ACC).

No transmission line routes have been identified at this time. At this stage, only segments based upon constructability have been identified within the study area in which potential routes will be considered. You'll be able to find all the latest information, as well as the segments in the "Interactive Map" link, on the project webpage at www.tep.com/midtown.

TEP, the City, and others put a lot of time and effort into exploring a path to finance the additional costs to underground a portion of this transmission line. With the defeat of Proposition 412 earlier this year, those efforts came to a stop.

The ACC has stated (Decision 79140) that incurring the additional costs to underground a transmission line for purposes other than safety and reliability is inappropriate. As a result of the defeat of Prop 412 and the ACC's policy, TEP is not considering an underground transmission line. Instead, we've started fresh with a new overhead line siting process to identify the least obtrusive route possible.

We hope you continue to stay engaged in the project as details of the project become more defined.

Comment Method: Comms/Online**Comment Date** 11/18/2023**Category** Resident in Study Area, Live/Work near Study Area**Concerns Topics** Location, Environment**Heard About** Newsletter Mailing, Word of Mouth**Issues/Phone Message/Comments**

The Barrio San Antonio and Miles neighborhoods should be avoided for this project. Both of these neighborhoods have a long history of environmental problems. We are forced to deal with excessive noise from Aviation Highway, overflights from Davis Monthan airbase, and the train. We have contaminated groundwater from the long history of contamination at the Mission Laundry site. Recently, cell towers were installed with little to no notification and no opportunity to fight back due to state laws sanctioning cell towers no matter the impacts to our community. We've only just escaped the hassles associated with the long construction project on Broadway. We could really use a break from corporations seeking to make a profit off our community.

The area where the lines would be installed would disrupt our community, again, for a construction project that would provide little to no benefit to us directly. It will also cause harm to our green spaces. I'm especially concerned that the project could go through Arroyo Chico which would disrupt the restoration of native plants and would cause harm to the regal horned lizard. There were great efforts made to protect this species in the past and every effort should be made to avoid additional harm to this important habitat.

Additional Info**Requested Info****Response sent****Response Notes:**

Thank you for your feedback regarding TEP's proposed Midtown Reliability Project. We appreciate your comments and will include them in the project record provided to the Arizona Corporation Commission (ACC).

As a result of a number of comments citing the environmental sensitivities of Arroyo Chico and its importance to the community, the arroyo will be classified as a constraint in our siting study.

We hope you continue to stay engaged in the project as details of the project become more defined. You'll be able to find all the latest information on the project webpage at www.tep.com/midtown.

Comment Method: Comms/Online**Comment Date** 11/17/2023**Category** Resident in Study Area**Concerns Topics**Location, Property Value, Support
Underground, Historic, Substation**Heard About** Newsletter Mailing**Issues/Phone Message/Comments**

Quality of life
Scars on a historic neighborhood
property values diminished

the vine substation does not belong in our neighborhood,
neither do the poles
Underground along a large urban street is the only acceptable option

Additional Info**Requested Info****Response sent****Response Notes:**

Thank you for your feedback regarding TEP's proposed Midtown Reliability Project. We appreciate your comments and will include them in the project record provided to the Arizona Corporation Commission (ACC).

No transmission line routes have been identified at this time. At this stage, only segments based upon constructability have been identified within the study area in which potential routes will be considered. You'll be able to find all the latest information, as well as the segments in the "Interactive Map" link, on the project webpage at www.tep.com/midtown.

TEP, the City, and others put a lot of time and effort into exploring a path to finance the additional costs to underground a portion of this transmission line. With the defeat of Proposition 412 earlier this year, those efforts came to a stop.

The ACC has stated (Decision 79140) that incurring the additional costs to underground a transmission line for purposes other than safety and reliability is inappropriate. As a result of the defeat of Prop 412 and the ACC's policy, TEP is not considering an underground transmission line. Instead, we've started fresh with a new overhead line siting process to identify the least obtrusive route possible.

We hope you continue to stay engaged in the project as details of the project become more defined.

Comment Method: Comms/Online

Comment Method: Comms/Online**Comment Date** 11/16/2023**Category** Resident in Study Area**Concerns Topics**

Location, Property Value, Historic, Environment

Heard About Newsletter Mailing, Word of Mouth, Other**Issues/Phone Message/Comments**

I attended the open house tonight (11/16/23), and did not have enough time to complete a comment card. So please use this online submission as additional input from tonight's meeting.

I am concerned about inclusion of the Arroyo Chico as a preliminary segment.

Additional Info

I strongly oppose the Arroyo Chico wash as a route, as I think it is contrary to a number of important criteria. First, from an engineering perspective, I asked for examples of other washes where large transmission lines were successfully installed. Examples: the Rillito, Pantano, and Santa Cruz river beds. Those are all wide stream beds. The Arroyo Chico is no more than 50 feet wide. Not a good comparison at all. I think the width of the water way might be 15 feet, with similar width banks on either side. Neither the stream bed nor the banks would be appropriate for 75 foot poles.

Second, the primary purpose the Arroyo Chico is to manage storm water. It connects to the retention basins at Reid Park and in the area on the west side of Tucson Blvd., and is a critical factor in the current flood control plan for our neighborhood.

Third, the arroyo serves as a major natural environment, an important habitat and corridor for numerous types of wildlife through our part of the city. Installation of transmission lines would completely upset that urban / nature balance.

Fourth, the arroyo runs in very close proximity to residential homes on both sides. Transmission lines replacing or dwarfing the current natural vegetation would have an extremely significant negative impact on the desirability and real estate values to all of those affected homes.

Fifth, the arroyo is an iconic feature of the Broadmoor-Broadway Village neighborhood, now designated as the Broadmoor Historic District. Transmission lines bisecting the neighborhood would completely change the characteristics of the neighborhood upon which the historic designation was founded. And it would sever the unified sense of community within the neighborhood.

For all of these reasons, I believe that including the arroyo on the list of potentially viable segments violates the criteria that has been established, would have very negative consequences, and would encounter significant opposition from the neighborhood's residents.

My request is that this segment be reclassified as one with serious constraints, and not be considered as a viable route.

Thank you.

Requested Info**Response sent****Response Notes:**

Thank you for your feedback regarding TEP's proposed Midtown Reliability Project. We appreciate your comments and

Comment Method: Comms/Online

will include them in the project record provided to the Arizona Corporation Commission (ACC).

We received a number of similar comments, both written and verbally at the open house held last week. As a result, Arroyo Chico will be classified, as you've suggested, as a constraint.

We hope you continue to stay engaged in the project as details of the project become more defined. You'll be able to find all the latest information on the project webpage at www.tep.com/midtown.

Comment Method: Comms/Online**Comment Date** 11/16/2023**Category** Resident in Study Area, Business
Owner in Study Area**Concerns Topics**

Location

Heard About Word of Mouth**Issues/Phone Message/Comments**

no lines thru residential areas - no to routes 323, 296, 259, 240, 210

Additional Info**Requested Info****Response sent****Response Notes:**

Thank you for your feedback regarding TEP's proposed Midtown Reliability Project. We appreciate your comments and will include them in the project record provided to the Arizona Corporation Commission (ACC).

We have noted the specific routing preference provided and will take that into consideration as we begin to evaluate these preliminary segments with respect to evaluation criteria informed by public comment.

We hope you continue to stay engaged in the project as details of the project become more defined. You'll be able to find all the latest information on the project webpage at www.tep.com/midtown.

Comment Method: Comms/Online**Comment Date** 11/16/2023**Category** Resident in Study Area**Concerns Topics**

Location, Historic, Safety, Substation

Heard About Project Website, Public Meeting,
Word of Mouth**Issues/Phone Message/Comments**

1. The proximity of the current Vine substation to residences is unacceptable. TEP made a grievous error in purchasing that property several years ago.

2. The "possibility" of 138Kv poles through an historic district with a "Neighborhood Preservation" zoning is totally unacceptable.

TEP must research another site for the substation preferably in an industrial area.

Additional Info

"Add value to the project" is not an issue. How to provide the service safely with the least impact on residences is the issue. How to maintain Tucson's community in the safest, least demeaning way is how to add value.

Requested Info

Jefferson Park has repeatedly asked for the "radius" of acceptable area for locations of substations that might replace the Vine substation. To date we have not received. Tho' TEP reports having researched initially which 1.6 acre lots were available. I am not sure that there has been any reserch currently and that is what the JP neighborhood is asking.

Response sent**Response Notes:**

Thank you for your feedback regarding TEP's proposed Midtown Reliability Project. We appreciate your comments and will include them in the project record provided to the Arizona Corporation Commission (ACC).

TEP conducted a very thorough review of alternative substation sites before purchasing the site on Vine Avenue. After an exhaustive search, followed by reaching out to property owners, the Vine location was the only site within the "load center" that was of a sufficient size and was available to purchase. The Vine location was actually near the northern edge of the "load center" that would meet the project need. If the substation site were located further north/east/west, it would result in a different project and would not allow TEP to retire the eight 46kV substations that have been discussed and to complete the subsequent improvements to the distribution system. In the past year, TEP conducted another search to see if any new properties had become available within the "load center" that would be suitable. Ultimately, the Vine location was deemed the only viable site.

We hope you continue to stay engaged in the project as details of the project become more defined. You'll be able to find all the latest information on the project webpage at www.tep.com/midtown.

Comment Method: Comms/Online

Comment Date 11/16/2023

Category Resident in Study Area

Concerns Topics

Heard About Newsletter Mailing

Issues/Phone Message/Comments

Looks good. Thank you for the opportunity to comment. (No complaints.)

Additional Info

Requested Info

Response sent

Response Notes:

Thank you for your feedback regarding TEP's proposed Midtown Reliability Project. We appreciate your comment and will include it in the project record provided to the Arizona Corporation Commission (ACC).

We hope you continue to stay engaged in the project as details of the project become more defined. You'll be able to find all the latest information on the project webpage at www.tep.com/midtown.

Comment Method: Comms/Online

Comment Method: Comms/Online**Comment Date** 11/16/2023**Category** Resident in Study Area, Business
Owner in Study Area**Concerns Topics**Appearance, Location, Property
Value, Support Underground, Historic,
Environment**Heard About** Other**Issues/Phone Message/Comments**

Please keep these huge power lines out of our historic neighborhoods. I find the purposed Vine street option as detrimental to my quality of life.

Vine has been turned into one of the only quiet shady walkway for me to enjoy with my dogs. The families in the neighborhood have built water retention basins along the road.

TEP has more options and underground would limit the impact on so many vital historical neighborhoods.

We have had to fight continuously with developers, the city, 5G towers, for better roads, and for the right as basic home owner to live in our neighborhoods.

TEP has the resources and the responsibility to protect our community and our property values. Just look what TEP did to Kleindale between Country Club and Dodge BLVD...

Additional Info

Respect the work our neighbors put into becoming Historical Neighborhoods... Respect our homes and our streets... These huge metal poles do not belong running down quiet streets with older homes.

Requested Info

Why do we have to keep fighting to protect our homes? Why does a corporation have more rights than the thousands of homeowners who will be negatively impacted? Our property values will plummet. Our view will destroyed... Why is this acceptable? It's all about the money!

Response sent**Response Notes:**

Thank you for your feedback regarding TEP's proposed Midtown Reliability Project. We appreciate your comments and will include them in the project record provided to the Arizona Corporation Commission (ACC).

No transmission line routes have been identified at this time. At this stage, only segments based upon constructability have been identified within the study area in which potential routes will be considered. You'll be able to find all the latest information, as well as the segments in the "Interactive Map" link, on the project webpage at www.tep.com/midtown.

TEP, the City, and others put a lot of time and effort into exploring a path to finance the additional costs to underground a portion of this transmission line, with the defeat of Proposition 412 earlier this year those efforts came to a stop.

The ACC has stated (Decision 79140) that incurring the additional costs to underground a transmission line for purposes other than safety and reliability is inappropriate. As a result of the defeat of Prop 412 and the ACC's policy, TEP is not considering an underground transmission line. Instead, we've started fresh with a new overhead line siting

Comment Method: Comms/Online

process to identify the least obtrusive route possible.

We hope you continue to stay engaged in the project as details of the project become more defined. In addition, a public open house will be held tonight, November 16th from 6:00-8:00pm at the Doubletree Reid Park. We hope you can join us.

Comment Method: Comms/Online

Comment Date 11/16/2023

Category Resident in Study Area, Live/Work near Study Area

Concerns Topics

Cost, Support Underground, Historic

Heard About Newsletter Mailing, Word of Mouth

Issues/Phone Message/Comments

The map was a little difficult to read, but thank you for making it available. I continue to support this upgrade to the system, but am STRONGLY OPPOSED to building it above ground and degrading and possibly harming a whole swath of the central city. It is simply not right and it seems very confusing that while other cities can underground in heavily residential areas, TEP is unable to make this decision.

If voters had known that all future such projects, anywhere in the city, would be undergrounded, I believe they would've supported last May's initiative.

Additional Info

Why couldn't the University of Arizona pay more for this undergrounding? The inner city is growing very slowly and not causing a big lean on the system--except for developments related to the University. They need to be at the table and in this discussion, before another historic part of Tucson is ruined.

Requested Info

I would like to know exactly where the growth is that makes this project necessary. Thank you.

Response sent**Response Notes:**

Thank you for your feedback regarding TEP's proposed Midtown Reliability Project. We appreciate your comments and will include them in the project record provided to the Arizona Corporation Commission (ACC).

TEP, the City, and others put a lot of time and effort into exploring a path to finance the additional costs to underground a portion of this transmission line, with the defeat of Proposition 412 earlier this year those efforts came to a stop.

The ACC has stated (Decision 79140) that incurring the additional costs to underground a transmission line for purposes other than safety and reliability is inappropriate. As a result of the defeat of Prop 412 and the ACC's policy, TEP is not considering an underground transmission line. Instead, we've started fresh with a new overhead line siting process to identify the least obtrusive route possible.

We'd like to encourage you to visit the project webpage at www.tep.com/midtown where you'll find additional information on how the Midtown Reliability Project will help to address reliability in the area. In addition, we'll be holding a public open house tonight, November 16th from 6:00-8:00pm at the Doubletree Reid Park. We hope you can join us and we can further discuss the need for, and benefits of the project. We hope you continue to stay engaged in the project as details of the project become more defined.

Comment Method: Comms/Online**Comment Date** 11/16/2023**Category** Resident in Study Area**Concerns Topics**Appearance, Location, Historic,
Substation**Heard About** Project Website, Newsletter Mailing,
Public Meeting, Word of Mouth,
Other**Issues/Phone Message/Comments**

What is important to me is that our historic neighborhood not be destroyed and desecrated with massive overhead lines to serve primarily the power needs of the University of Arizona and Banner hospital. Another location for the substation needs to be found, perhaps in a more industrial area, which will not require lines to be routed along the streets of our neighborhood. TEP has been completely tone deaf to our concerns, intent only on what they wish and plan to do. And, they are not even an American company, and answer to their Canadian stockholders!

Additional Info**Requested Info****Response sent****Response Notes:**

Thank you for your feedback regarding TEP's proposed Midtown Reliability Project. We appreciate your comments and will include them in the project record provided to the Arizona Corporation Commission (ACC).

No transmission line routes have been identified at this time. At this stage, only segments based upon constructability have been identified within the study area in which potential routes will be considered. You'll be able to find all the latest information, as well as the segments in the "Interactive Map" link, on the project webpage at www.tep.com/midtown. We hope you continue to stay engaged in the project as details of the project become more defined.

Comment Method: Comms/Online**Comment Date** 11/15/2023**Category** Resident in Study Area**Concerns Topics**

Appearance, Location

Heard About Newsletter Mailing, Other**Issues/Phone Message/Comments**

Our neighborhood is already overrun with massive ugly poles, lighting and other infrastructure (except pedestrian friendly ones of course). Add to that the constant encroachment/expansion of UA into local neighborhoods there is now an unending number of profit driven organizations looking to make more money off your little piece of land and little neighborhood because you're easy pickings. Its depressing to witness first hand the textbook unethical practice of shoving all of your negative externalities onto the poorer neighborhoods because they do not have the same political clout as those in the original path. The one we watched you spend months working on. That was your preferred route but suddenly it is off limits. I oppose routing any additional, or taller lightning rods near our neighborhood than the ones that already surround us.

Additional Info**Requested Info****Response sent****Response Notes:**

Thank you for your feedback regarding TEP's proposed Midtown Reliability Project. We appreciate your comments and will include them in the project record provided to the Arizona Corporation Commission (ACC).

While a lot of work was done around the previous Kino to DMP 138kV Transmission Line Project, we are beginning fresh, and are only in the initial planning phases of the Midtown Reliability Project.

No transmission line routes have been identified at this time. At this stage, only segments based upon constructability have been identified within the study area in which potential routes will be considered. You'll be able to find all the latest information, as well as the segments in the "Interactive Map" link, on the project webpage at www.tep.com/midtown. We hope you continue to stay engaged in the project as details of the project become more defined. In addition, a public open house will be held tomorrow, November 16th from 6:00-8:00pm at the Doubletree Reid Park. We hope you can join us.

Comment Method: Comms/Online**Comment Date** 11/15/2023**Category** Resident in Study Area, Live/Work near Study Area, Special Interest Group**Concerns Topics** Location, Historic, Environment**Heard About** Newsletter Mailing**Issues/Phone Message/Comments**

This project is the most devastating Project to ruin this entire subdivision Broadmore is a legal historic area, and is a Riparian area. TEP has not done due diligence in alerting Broadmore Broadway Village. Another railroaded job with no Red flag warning. TEP HAS DONE MORE DAMAGE TO OTHER AREAS.

Additional Info

Please stop this. It's criminal to ruin our neighborhood.

Requested Info**Response sent****Response Notes:**

Thank you for your feedback regarding TEP's proposed Midtown Reliability Project. We appreciate your comments and will include them in the project record provided to the Arizona Corporation Commission (ACC).

No transmission line routes have been identified at this time. At this stage, only segments based upon constructability have been identified within the study area in which potential routes will be considered. You'll be able to find all the latest information, as well as the segments in the "Interactive Map" link, on the project webpage at www.tep.com/midtown. We hope you continue to stay engaged in the project as details of the project become more defined. In addition, a public open house will be held tonight, November 16th from 6:00-8:00pm at the Doubletree Reid Park. We hope you can join us.

Comment Method: Comms/Online**Comment Date** 11/14/2023**Category** Resident in Study Area**Concerns Topics**Health, Appearance, Location,
Support Underground**Heard About** Project Website, Newsletter Mailing,
Word of Mouth**Issues/Phone Message/Comments**

These huge transmission lines do not belong in neighborhoods. Unsightly & has negative health effects with the massive electromagnetic waves as a result. Put the lines underground.

Additional Info

Study the health effects , not good!!

Requested Info**Response sent****Response Notes:**

Thank you for your feedback regarding TEP's proposed Midtown Reliability Project. We appreciate your comments and will include them in the project record provided to the Arizona Corporation Commission (ACC).

No transmission line routes have been identified at this time, only a study area in which potential routes will be considered. We hope you continue to stay engaged in the project as details of the project become more defined.

TEP, the City, and others put a lot of time and effort into exploring a path to finance the additional costs to underground a portion of this transmission line, with the defeat of Proposition 412 earlier this year those efforts came to a stop.

The ACC has stated (Decision 79140) that incurring the additional costs to underground a transmission line for purposes other than safety and reliability is inappropriate. As a result of the defeat of Prop 412 and the ACC's policy, TEP is not considering an underground transmission line. Instead, we've started fresh with a new overhead line siting process to identify the least obtrusive route possible.

You'll be able to find all the latest information on the project webpage at www.tep.com/midtown. In addition, a public open house will be held this Thursday, November 16th from 6:00-8:00pm at the Doubletree Reid Park. We hope you can join us.

Comment Method: Comms/Online

Comment Date 11/10/2023

Category Resident in Study Area

Concerns Topics

Cost, Appearance, Support
Underground

Heard About Newsletter Mailing

Issues/Phone Message/Comments

Your options appear to be only poles and not underground wires. I agree we need to plan for growth, but I strongly urge you to look at the long term value to our community. Power lines are not attractive and ruin our beautiful views of the mountains. I also have read that underground wires require less maintenance. That suggests a better life cycle cost savings. Please consider burying the new lines. Give us the 30 year cost difference - or even savings if you do a fair cost benefit analysis using life cycle costing.

Additional Info**Requested Info**

Response sent**Response Notes:**

Thank you for your feedback regarding TEP's proposed Midtown Reliability Project. We appreciate your comments and will include them in the project record provided to the Arizona Corporation Commission (ACC).

TEP, the City, and others put a lot of time and effort into exploring a path to finance the additional costs to underground a portion of this transmission line, with the defeat of Proposition 412 earlier this year those efforts came to a stop.

The ACC has stated (Decision 79140) that incurring the additional costs to underground a transmission line for purposes other than safety and reliability is inappropriate. As a result of the defeat of Prop 412 and the ACC's policy, TEP is not considering an underground transmission line. Instead, we've started fresh with a new overhead line siting process to identify the least obtrusive route possible.

We hope you continue to stay engaged in the project as details of the project become more defined. You'll be able to find all the latest information on the project webpage at www.tep.com/midtown.

Comment Method: Comms/Online**Comment Date** 11/9/2023**Category** Resident in Study Area**Concerns Topics**

Support Underground, Renewable Energy

Heard About**Issues/Phone Message/Comments**

I favor underground transmission lines and a firm commitment to renewable energy by TEP.

Additional Info**Requested Info****Response sent****Response Notes:**

Thank you for your feedback regarding TEP's proposed Midtown Reliability Project. We appreciate your comments and will include them in the project record provided to the Arizona Corporation Commission (ACC).

TEP, the City, and others put a lot of time and effort into exploring a path to finance the additional costs to underground a portion of this transmission line, with the defeat of Proposition 412 earlier this year those efforts came to a stop.

The ACC has stated (Decision 79140) that incurring the additional costs to underground a transmission line for purposes other than safety and reliability is inappropriate. As a result of the defeat of Prop 412 and the ACC's policy, TEP is not considering an underground transmission line. Instead, we've started fresh with a new overhead line siting process to identify the least obtrusive route possible.

TEP is planning to provide more than 70 percent of our power from wind and solar resources as part of a cleaner energy portfolio that will reduce carbon emissions 80 percent by 2035. I'd encourage you to view our Integrated Resource Plan, which I believe will answer many of your questions. You can access this at <https://www.tep.com/tep-2020-integrated-resource-plan/>.

We hope you continue to stay engaged in the project as details of the project become more defined. You'll be able to find all the latest information on the project webpage at www.tep.com/midtown.

Comment Method: Comms/Online**Comment Date** 11/8/2023**Category** Resident in Study Area, Live/Work near Study Area**Concerns Topics** Cost, Location, Support Underground, Historic**Heard About** Public Meeting**Issues/Phone Message/Comments**

Why would you plan overhead lines in a National Historic Neighborhood with schools, a hospital, churches, etc. and one of the oldest neighborhoods in the city.

It does not make sense to be fighting over something that is both illegal and irrational.

TEP has the funds to underground the lines if you want to, right?

Additional Info**Requested Info****Response sent****Response Notes:**

Thank you for your feedback regarding TEP's proposed Midtown Reliability Project. We appreciate your comments and will include them in the project record provided to the Arizona Corporation Commission (ACC).

TEP, the City, and others put a lot of time and effort into exploring a path to finance the additional costs to underground a portion of this transmission line, with the defeat of Proposition 412 earlier this year those efforts came to a stop.

The Arizona Corporation Commission has stated (Decision 79140) that incurring the additional costs to underground a transmission line for purposes other than safety and reliability is inappropriate. As a result of the defeat of Prop 412 and the ACC's policy, TEP is not considering an underground transmission line. Instead, we've started fresh with a new overhead line siting process to identify the least obtrusive route possible.

We hope you continue to stay engaged in the project as details of the project become more defined. You'll be able to find all the latest information on the project webpage at www.tep.com/midtown.

Comment Method: Comms/Online

Comment Date 11/8/2023

Category Resident in Study Area, Live/Work near Study Area

Concerns Topics

Location

Heard About Newsletter Mailing

Issues/Phone Message/Comments

Impact to low income residents

Impact to schools

Additional Info

I am not sure why most routes are constrained to the road grid.

I assume that the best route would be closer to the population center, and therefore the best path would be on the east side of the study area

Requested Info

It is likely there will be a need for eminent domain. Has TEP set aside funds for eminent domain purchases and lawsuits.

Response sent**Response Notes:**

Thank you for your feedback regarding TEP's proposed Midtown Reliability Project. We appreciate your comments and will include them in the project record provided to the Arizona Corporation Commission (ACC).

No transmission line routes have been identified at this time, only a study area in which potential routes will be considered. We hope you continue to stay engaged in the project as details of the project become more defined. You'll be able to find all the latest information on the project webpage at www.tep.com/midtown. In addition, a public open house will be held on November 16th from 6:00-8:00pm at the Doubletree Reid Park. We hope you can join us.

Comment Method: Comms/Online**Comment Date** 11/8/2023**Category** Resident in Study Area**Concerns Topics**

Cost, Location, Support Underground

Heard About Newsletter Mailing**Issues/Phone Message/Comments**

1. Convincing TEP to form an improvement district that would include affected property owners, the University of Arizona and Banner Health to pay to underground the line;
2. To request a written answer as to why the University of Arizona is considered to have a "Route Constraint" but no other built-up area in the study area is;
3. To urge evaluation of a modified Cherry Street route between 6th Street and Elm Street for the new line, if it is not placed underground.

Additional Info

See #2 above.

Requested Info**Response sent****Response Notes:**

Thank you for your feedback regarding TEP's proposed Midtown Reliability Project. We appreciate your comments and will include them in the project record provided to the Arizona Corporation Commission (ACC).

TEP, the City, and others put a lot of time and effort into exploring a path to finance the additional costs to underground a portion of this transmission line, with the defeat of Proposition 412 earlier this year those efforts came to a stop.

The Arizona Corporation Commission has stated (Decision 79140) that incurring the additional costs to underground a transmission line for purposes other than safety and reliability is inappropriate. As a result of the defeat of Prop 412 and the ACC's policy, TEP is not considering an underground transmission line. Instead, we've started fresh with a new overhead line siting process to identify the least obtrusive route possible.

TEP identified the heart of the UofA campus as a constraint due to the building density that exists over a large area. A constraint does not mean that a line cannot be built in that location, it simply means some type of a challenge exists that would need to be overcome. The line siting focuses on areas of opportunity because, in general, challenges are fewer. That said, the opportunities and constraints are not final. TEP is seeking input from the public right now on both opportunities and constraints. If you are aware of any additional constraints, or opportunities, that you think should be considered we would appreciate hearing from you. You can provide that feedback by responding to this email or attending the open house next week on November 16th from 6:00-8:00pm at the Doubletree Reid Park. We hope you can join us.

No transmission line routes have been identified at this time, only a study area in which potential routes will be considered. We hope you continue to stay engaged in the project as details of the project become more defined. You'll be able to find all the latest information on the project webpage at www.tep.com/midtown.

Comment Method: Comms/Online**Comment Date** 11/7/2023**Category** Resident in Study Area, Live/Work near Study Area**Concerns Topics**

Location, Support Underground, Environment

Heard About Project Website, Newsletter Mailing, Public Meeting, Word of Mouth**Issues/Phone Message/Comments**

TEP must not put the transmission line through the Miles and Barrio San Antonio neighborhoods (where we previously lived for 9 years and still own a home). More specifically, there is rare, natural open space in that area for wildlife, pedestrians, and cyclists that would be compromised by this transmission line.

TEP needs to bite the bullet and underground the line on Campbell/Kino. Their profiteering and (failed) attempt to pass the costs onto taxpayers alone was underhanded, and makes me excited for the day when I can put solar panels and a battery on my house and not have to deal with TEP.

Additional Info**Requested Info****Response sent****Response Notes:**

Thank you for your feedback regarding TEP's proposed Midtown Reliability Project. We appreciate your comments and will include them in the project record provided to the Arizona Corporation Commission (ACC).

No transmission line routes have been identified at this time, only a study area in which potential routes will be considered. We hope you continue to stay engaged in the project as details of the project become more defined. You'll be able to find all the latest information on the project webpage at www.tep.com/midtown. In addition, a public open house will be held on November 16th from 6:00-8:00pm at the Doubletree Reid Park. We hope you can join us.

Comment Method: Comms/Online**Comment Date** 11/7/2023**Category** Resident in Study Area**Concerns Topics**Cost, Appearance, Location, Support
Underground, Historic, Safety,
Renewable Energy**Heard About** Newsletter Mailing, Other**Issues/Phone Message/Comments**

Historic nature of housing in areas proposed for transmission line routing

Deafness of TEP to community outcry regarding need/appropriateness for undergrounding transmission lines.

This seems to be a project necessitated by the UA agreement w/ TEP for renewable energy being foisted upon residents of mid-town.

Additional Info

Residents of Tucson need TEP to be transparent about its cost calculations for undergrounding. We also need comparison of TEP estimation with costs for undergrounding in other communities.

Requested Info

It is way past time for electric companies to take ownership of not evolving the overland routing technology of transmission lines. As they are, they pose risks in the landscape for fire, terrorist acts, among other dangers.

Beyond everything else, they are a visual blight that depresses the economic value and visual experience in communities everywhere.

Response sent**Response Notes:**

Thank you for your feedback regarding TEP's proposed Midtown Reliability Project. We appreciate your comments and will include them in the project record provided to the Arizona Corporation Commission (ACC).

TEP, the City, and others put a lot of time and effort into exploring a path to finance the additional costs to underground a portion of this transmission line, with the defeat of Proposition 412 earlier this year those efforts came to a stop.

The Arizona Corporation Commission has stated (Decision 79140) that incurring the additional costs to underground a transmission line for purposes other than safety and reliability is inappropriate. As a result of the defeat of Prop 412 and the ACC's policy, TEP is not considering an underground transmission line. Instead, we've started fresh with a new overhead line siting process to identify the least obtrusive route possible.

We hope you continue to stay engaged in the project as details of the project become more defined. You'll be able to find all the latest information on the project webpage at www.tep.com/midtown.

Comment Method: Comms/Online**Comment Date** 11/7/2023**Category** Resident in Study Area**Concerns Topics**

Appearance, Location, Property Value

Heard About Newsletter Mailing**Issues/Phone Message/Comments**

One of the green lines (proposed routes) is only a block from my house. We already have a lot of electricity in this neighborhood--lots of higher-power electric lines and tall poles, as well as a substation-- and adding more might take the upward trajectory of this neighborhood and reverse it. When I moved here seven years ago the house next to me was blighted, drug dealers lived across the street, and most of my neighbors were students. Since then--probably thanks to a strong neighborhood association and a lot of committed homeowners--our neighborhood has exponentially improved. The blighted house next door was renovated and sold. We no longer have drug dealers on our block. Many former rentals are now family-owned. In fact, our house doubled in value since we bought it seven years ago. My two boys can ride their bikes to nearby Mitchell Park, and we have a trick-or-treat culture that never existed before. Having this large project cut right through this neighborhood will disrupt quiet play areas for our children, lower property values, and make our neighborhood look more industrial. I am strongly opposed to having even more electrical infrastructure installed in this very tiny, very vibrant, growing neighborhood where children gather to play.

Additional Info

I believe this project should stick to major roads and leave residential areas alone.

Requested Info**Response sent****Response Notes:**

Thank you for your feedback regarding TEP's proposed Midtown Reliability Project. We appreciate your comments and will include them in the project record provided to the Arizona Corporation Commission (ACC).

No transmission line routes have been identified at this time, only a study area in which potential routes will be considered. We hope you continue to stay engaged in the project as details of the project become more defined. You'll be able to find all the latest information on the project webpage at www.tep.com/midtown. In addition, a public open house will be held on November 16th from 6:00-8:00pm at the Doubletree Reid Park. We hope you can join us.

Comment Method: Comms/Online**Comment Date** 11/6/2023**Category** Resident in Study Area**Concerns Topics**

Location, Property Value, Safety

Heard About Newsletter Mailing**Issues/Phone Message/Comments**

Firstly, our electric power has not been unreliable. Our neighborhood never loses power. Secondly, we are densely populated with many small houses tightly packed together on small lots on a grid of residential streets: a high voltage power line carved through our neighborhood would be both dangerous and cause a severe depression in property values. As we are also a partly-mostly blue collar neighborhood, it would be economic discrimination to burden us with the voltage lines that other more affluent neighborhoods/UofAZ need but, don't want to be sullied by. 3rdly, the 2600 block of Alta Vista St is a residential street and not a wash. To install very tall, high voltage power lines in our narrow alleys and have them loom over our homes would be gross malfeasance.

Additional Info**Requested Info****Response sent****Response Notes:**

Thank you for your feedback regarding TEP's proposed Midtown Reliability Project. We appreciate your comments and will include them in the project record provided to the Arizona Corporation Commission (ACC).

No transmission line routes have been identified at this time, only a study area in which potential routes will be considered. We hope you continue to stay engaged in the project as details of the project become more defined. You'll be able to find all the latest information on the project webpage at www.tep.com/midtown. In addition, a public open house will be held on November 16th from 6:00-8:00pm at the Doubletree Reid Park. We hope you can join us.

Comment Method: Comms/Online**Comment Date** 11/6/2023**Category** Live/Work near Study Area**Concerns Topics**Cost, Appearance, Support
Underground, Reliability**Heard About** Newsletter Mailing, Other**Issues/Phone Message/Comments**

Tucson's ability to attract businesses and new residents, and the University of Arizona's ability to attract faculty and students depend in significant part upon aesthetic appeal. The proposed route is one in which the transmission lines will look aesthetically unappealing. For this reason, as well as the increasing number of severe weather events that affect transmission lines, the midtown reliability project lines should be installed underground.

Additional Info

I would prefer to pay slightly higher fees for service, and believe the University likewise should pay slightly higher fees for service, in order to pay for underground transmission lines.

Requested Info

Response sent**Response Notes:**

Thank you for your feedback regarding TEP's proposed Midtown Reliability Project. We appreciate your comments and will include them in the project record provided to the Arizona Corporation Commission (ACC).

No transmission line routes have been identified at this time, only a study area in which potential routes will be considered. We hope you continue to stay engaged in the project as details of the project become more defined.

With the failure of Proposition 412 earlier this year, the voters of Tucson declined a solution that would have raised the funds to pay for the difference in cost between an overhead and underground transmission line.

You'll be able to find all the latest information on the project webpage at www.tep.com/midtown. In addition, a public open house will be held on November 16th from 6:00-8:00pm at the Doubletree Reid Park. We hope you can join us.

Comment Method: Comms/Online**Comment Date** 11/6/2023**Category** Resident in Study Area, Live/Work near Study Area**Concerns Topics** Location, Support Underground**Heard About** Newsletter Mailing**Issues/Phone Message/Comments**

So now that undergrounding on Kino/Campbell is too expensive) the only viable choice is north on Euclid from Broadway to Helen~Park and an alley to the Vine substation?

How about a underground Euclid through the neighborhood to Vine Substation?

Additional Info**Requested Info****Response sent****Response Notes:**

Thank you for your feedback regarding TEP's proposed Midtown Reliability Project. We appreciate your comments and will include them in the project record provided to the Arizona Corporation Commission (ACC).

No transmission line routes have been identified at this time, only a study area in which potential routes will be considered. We hope you continue to stay engaged in the project as details of the project become more defined. You'll be able to find all the latest information on the project webpage at www.tep.com/midtown. In addition, a public open house will be held on November 16th from 6:00-8:00pm at the Doubletree Reid Park. We hope you can join us.

Comment Method: Comms/Online**Comment Date** 11/5/2023**Category** Resident in Study Area**Concerns Topics**Appearance, Location, Support
Underground**Heard About** Other**Issues/Phone Message/Comments**

The most important aspect of this project is that TEP follow the city's Gateway regulations and other zoning rules requiring undergrounding these power lines on Campbell Avenue from the north to at least Broadway on the southern end of your proposed project.

High voltage lines on areas abutting residential areas on the east side of Campbell are completely inappropriate. I have lived in many parts of this country include other areas of Tucson where power lines are buried. There is no reason - other than your shareholder returns - for putting in ugly high power lines in the midst of a residential area. You can't put lipstick on a pig and high voltage power lines are definitely a pig.

I will support our city and its leaders in every way possible to prevent this travesty from happening,

Additional Info**Requested Info****Response sent****Response Notes:**

Thank you for your feedback regarding TEP's proposed Midtown Reliability Project. We appreciate your comments and will include them in the project record provided to the Arizona Corporation Commission (ACC).

No transmission line routes have been identified at this time, only a study area in which potential routes will be considered. We hope you continue to stay engaged in the project as details of the project become more defined. You'll be able to find all the latest information on the project webpage at www.tep.com/midtown. In addition, a public open house will be held on November 16th from 6:00-8:00pm at the Doubletree Reid Park. We hope you can join us.

Comment Method: Comms/Online

Comment Date 11/5/2023

Category Live/Work near Study Area

Concerns Topics

Heard About Project Website, Newsletter Mailing,
Public Meeting

Issues/Phone Message/Comments

The public participation effort has been excellent. The most important thing would be not to burden any street or neighborhood more than any other to get the needed transmission lines completed and serving the community.

Additional Info

"not to burden any street or neighborhood more than any other"

Requested Info

Response sent

Response Notes:

Thank you for your feedback regarding TEP's proposed Midtown Reliability Project. We appreciate your comments and will include them in the project record provided to the Arizona Corporation Commission (ACC).

No transmission line routes have been identified at this time, only a study area in which potential routes will be considered. We hope you continue to stay engaged in the project as details of the project become more defined. You'll be able to find all the latest information on the project webpage at www.tep.com/midtown. In addition, a public open house will be held on November 16th from 6:00-8:00pm at the Doubletree Reid Park. We hope you can join us.

Comment Method: Comms/Online**Comment Date** 11/4/2023**Category** Resident in Study Area, Live/Work near Study Area**Concerns Topics**

Cost, Location, Support Underground

Heard About Project Website, Newsletter Mailing**Issues/Phone Message/Comments**

Underground transmission lines in or adjacent to residential neighborhoods!

Additional Info

Deceitful survey presented false choices. Choices in support of underground lines were obfuscated to support TEPs desired plan.

Evasive responses are provided in "Stakeholder FAQs Submitted at Sept. 21, 2023 Open House". Several questions ask about how much power is used by large consumers such as UA and Banner. Answer only talks about general trends.

False response provided in "Stakeholder FAQs Submitted at Sept. 21, 2023 Open House". Question 15 says "costs are passed along to customers" and question 12 says "TEP avoids unnecessary expenditures". Consumers pay more than TEPs costs. Consumers pay TEP profit and now we want TEP to use a fraction of that yearly profit to underground this transmission line through residential neighborhoods. No additional costs are necessary for this project.

Requested Info

In the "Stakeholder FAQs Submitted at Sept. 21, 2023 Open House" question 12 includes a statement by Arizona Corporation Commission saying:

"As a general matter, utilities under the Commission's jurisdiction should avoid incurring these higher costs unless underground installation of a transmission line is necessary for reliability or safety purposes or to satisfy other prudent operational needs."

TEP repeatedly states how this transmission line is necessary for reliability and operational needs. Public outcry insists on underground lines. What additional proof is needed that undergrounding the lines will best satisfy Arizona Corporation Commission guidelines?

Unable to send response**Response Notes:**

No contact information provided

Comment Method: Comms/Online

Comment Method: Comms/Online**Comment Date** 11/4/2023**Category** Resident in Study Area, Live/Work near Study Area **Concerns Topics** Substation**Heard About** Project Website, Newsletter Mailing, Word of Mouth**Issues/Phone Message/Comments**

Project need is not apparent--your verbiage makes it sound like the need is caused by residential but my understanding is that UA/Banner is driving the need.

Substation value is not apparent--your verbiage makes it sounds like Vine and another substation provide our energy but my understanding is that we are located at the junction of service from substation on Hedrick and another to the east. Why is the new Vine substation needed for residential service? If it is really for UA-Banner benefits, maybe those locations ought to bear more of the impacts as well.

Transformers--your project need mentions old transformers. This does not explain why transformers can't be replaced independent of a transmission line. A transformer in front of our house was replaced recently and steel poles erected. I appreciate the value in this but it does not seem to support the need for the elevated, additional transmission line now proposed.

Additional Info

Your project need is not believable, but I would be happy to see it better explained on your website. I'm sure you could bury me and others in detail if you wanted, and that would be better than the blurb that currently exists. I am hopeful there's also a happy medium. I understand you don't want to burden people, but some of us just want more facts, without having to go to your meetings. More detailed, written material is a quicker way to communicate with people who want more facts, and it promotes transparency.

Requested Info

1. Please help me understand the value of Vine in relation to the existing network of substations. 2. Please help me understand the relative need for more energy and reliability for the UA-Banner complex as opposed to Jefferson Park and other neighborhoods. 3. Please help me understand the relationship between the ongoing maintenance of the existing distribution lines (and its transformers) in the study area vs the transmission line and new substation. 4. Please show the location of Vine in relation to other substations and distribution lines.

Response sent**Response Notes:**

Thank you for your interest in the Midtown Reliability Project and for your thoughtful questions and comments.

Attached is a handout that shows how you receive your electricity today, and what will change as a result of the Midtown Reliability Project. I will caveat that, based on your address, you are located at the very edge of the area that may be transferred over and served from the new Vine Substation or may also be transferred to one of the other nearby 46kV substations.

It sounds like you've thoroughly explored the project webpage, but I'll be referring to a number of materials found on the webpage, with direct links, as I try to answer the four questions you've listed.

Comment Method: Comms/Online

1. Currently the Midtown Area is served electricity through our 46kV system. There are 8 46kV substations and approximately 19 miles of 46kV lines that serve them. The areas served by these 46kV substations are near capacity, in addition the equipment at these substations is very old and needs to be replaced (see Project Video). Rather than replace the existing 46kV substations and lines, TEP is proposing to replace those 8 46kV substations with a single 138kV substation, the Vine Substation and the 19 miles of 46kV sub transmission lines with 7-8 miles of 138kV transmission line. The cost of the proposed project is roughly the same as replacing the existing equipment but will increase reliability and capacity in the area by 3 times. It will also reduce future maintenance and replacement liability associated with that much more equipment.

2. TEP has seen increased energy usage throughout the study area by all customer classes (residential, commercial, industrial). Of the 8 existing substations that will be replaced by this project, only 2 provide service to the UofA and Banner. As you'll note in the project video and in the attached handout, many of these primarily residential substations are close to capacity as a result of this growth. As far as reliability, TEP strives to provide the same level of reliability to all of our customers.

3. A majority of the infrastructure in this area is older, both the 46kV sub transmission and distribution systems. TEP performs routine inspection, maintenance, and when merited, replacement of all of this equipment. The new 138kV transmission line and substation would receive similar periodic inspection and maintenance. Even with routine maintenance, no equipment can be expected to last forever, and TEP has found much of the substation equipment and lines in the area in need of replacement.

4. I'll reference you to slide #4 of the Agency Briefing presentation available on the project webpage. This shows a map of the Vine Substation and the other 46kV substations (blue triangles) and sub transmission lines (blue lines) that will be replaced by this project. There are distribution lines originating at each of these substations and running down most streets or alleys in the project area.

I sincerely hope this response is helpful. If a discussion is desired, I would be happy to set up a time to chat over the phone.

Comment Method: Comms/Online

Comment Date 10/30/2023

Category Live/Work near Study Area

Concerns Topics

Cost, Do not Support Underground

Heard About Other

Issues/Phone Message/Comments

I oppose requiring Tucson residents outside of the mid-town area to pay higher electrical bills for putting the new transmission line underground.

If the residents of the area prefer the installation of the line underground, they should pay the cost.

Additional Info**Requested Info****Response sent****Response Notes:**

Thank you for your feedback regarding TEP's proposed Midtown Reliability Project. We appreciate your comments and will include them in the project record provided to the Arizona Corporation Commission (ACC).

TEP is not proposing to underground any part of the transmission line proposed as part of the Midtown Reliability Project. The Arizona Corporation Commission, who regulates TEP at the state level, recently approved a policy statement addressing their position on underground transmission:

The Commission does not have jurisdiction over the undergrounding of electric transmission lines. A.R.S. § 40-360(10).

Installing electric transmission lines underground is much more expensive than building them above ground. Underground transmission lines also can be more costly and challenging to maintain and repair.

As a general matter, utilities under the Commission's jurisdiction should avoid incurring these higher costs unless underground installation of a transmission line is necessary for reliability or safety purposes, or to satisfy other prudent operational needs. Installing a transmission line underground for other reasons, such as stakeholders' preferences, would add unnecessarily to costs recovered through rates.

Third parties. Including cities. Customers, and neighborhood groups. Seeking to fund the underground construction of a transmission line may do so, among other ways, by forming an improvement district for underground utilities as provided in A.R.S. § 48-620 et. Seq.

Docket - ALS-00000A-22-0320

We hope you continue to stay engaged in the project as details of the project become more defined. You'll be able to find all the latest information on the project webpage at www.tep.com/midtown.

Comment Method: Comms/Online

Comment Date 10/23/2023

Category Live/Work near Study Area

Concerns Topics

Cost, Location, Support Underground

Heard About Word of Mouth, Other

Issues/Phone Message/Comments

Copy of email sent to the Board of Adjustment on 10/23/23

Dear Members of the City of Tucson Board of Adjustment,

RE: Case C-10-21-09 Tucson Electric Power – Kino to DMP 138KV Transmission Line Project

I oppose TEP's request for a variance from the City of Tucson's requirement that power lines in the city's Campbell Avenue Gateway Corridor Zone be placed underground.

I appreciate that, given the increased need for reliable electricity throughout the City of Tucson, our power grid needs upgrading. However, that is the cost of doing business – it is the same as replacing aging vehicles in a company's fleet when the vehicles get older.

Moreover, as more people and businesses use more electricity, TEP will earn more money – thereby offsetting the increased cost of putting the power lines underground.

TEP should not be exempt from following the City's ordinances.

TEP should act like a good citizen and follow the rules, just like the rest of us.

Additional Info**Requested Info****Response sent****Response Notes:**

Thank you for your feedback regarding TEP's proposed Midtown Reliability Project. We appreciate your comments and will include them in the project record provided to the Arizona Corporation Commission (ACC).

No transmission line routes have been identified at this time, only a study area in which potential routes will be considered. We hope you continue to stay engaged in the project as details of the project become more defined. You'll be able to find all the latest information on the project webpage at www.tep.com/midtown.

Comment Method: Comms/Online

Comment Date 10/14/2023

Category Live/Work near Study Area

Concerns Topics

Location

Heard About Other

Issues/Phone Message/Comments

Why is project only south of Prince & not expanded north to River Rd (In First Avenue Area on your map)?

TEP serves this area, so why stop upgrades south of the service area boundary along First Avenue?

When there are power outages or switches, there have been problems with power surges (specifically during the past 3 years) when the power is turned back on. Protecting smart appliances and essential medical equipment that now all contain micro circuits, sensitive to surges, is important for all customers, not just in the UA area.

So, hoping you will reconsider and extend this project to include those in your service area north of Prince in First Avenue area, up to River Rd, the boundary that you provide service for.

Additional Info

I'd appreciate a reply

Requested Info

Response sent**Response Notes:**

They were very disappointed that the benefits of the Midtown Reliability Project would not be extended to where they live. They explained that over the past three years every time the power goes out, they get massive power surges that have damaged equipment and appliances in their home. They're on oxygen and had to get a large surge protector to protect the compressor. I told them that TEP could install a chart so that we could gather data on what is going on and determine if we need to make any system improvements. They very much liked the idea. Their information was passed on to Distribution Planning & Engineering for further investigation.

Comment Method: Comms/Online

Comment Date 10/13/2023

Category Business Owner in Study Area,
Live/Work near Study Area

Concerns Topics

Renewable Energy

Heard About Project Website

Issues/Phone Message/Comments

We need this project to keep sustainability in the aress

Additional Info

With our transition away from fossil fuels to alternate forms of energy. This project is very important in keeping our livelihood in Tucson safe and prosperous.

Requested Info

Response sent**Response Notes:**

Thank you for your feedback regarding TEP's proposed Midtown Reliability Project. We appreciate your comments and will include them in the project record provided to the Arizona Corporation Commission (ACC).

TEP is planning to provide more than 70 percent of our power from wind and solar resources as part of a cleaner energy portfolio that will reduce carbon emissions 80 percent by 2035. I'd encourage you to view our Integrated Resource Plan, which I believe will answer many of your questions. You can access this at <https://www.tep.com/tep-2020-integrated-resource-plan/>.

We hope you continue to stay engaged in the project as details of the project become more defined. You'll be able to find all the latest information on the project webpage at www.tep.com/midtown.

Comment Method: Comms/Online**Comment Date** 10/13/2023**Category** Outside of Study Area**Concerns Topics**

Location

Heard About**Issues/Phone Message/Comments**

I think TEP should install over power lines on Campbell as proposed right through Sam Hughes Neighborhood. It's not fair to other TEP customers to bear the burden of higher rates for a selected few. Equality for all I wouldn't get and haven't gotten a choice in what TEP does as rate payer.

Additional Info**Requested Info****Response sent****Response Notes:**

Thank you for your feedback regarding TEP's proposed Midtown Reliability Project. We appreciate your comments and will include them in the project record provided to the Arizona Corporation Commission (ACC).

No transmission line routes have been identified at this time, only a study area in which potential routes will be considered. We hope you continue to stay engaged in the project as details of the project become more defined. You'll be able to find all the latest information on the project webpage at www.tep.com/midtown.

Comment Method: Comms/Online**Comment Date** 10/2/2023**Category** Resident in Study Area, Live/Work
near Study Area**Concerns Topics**

Support Underground

Heard About Project Website**Issues/Phone Message/Comments**

Underground power utilities in midtown. TEP is not a good citizen partner when you try to get around laws and city beautification projects.

Additional Info**Requested Info**

Response sent**Response Notes:**

Thank you for your feedback regarding TEP's proposed Midtown Reliability Project. We appreciate your comments and will include them in the project record provided to the Arizona Corporation Commission (ACC).

We hope you continue to stay engaged in the project as details of the project become more defined. You'll be able to find all the latest information on the project webpage at www.tep.com/midtown.

Comment Method: Comms/Online**Comment Date** 10/1/2023**Category** Resident in Study Area**Concerns Topics**

Support Underground

Heard About Other**Issues/Phone Message/Comments**

The lines must be undergrounded!

Additional Info

The lines must be undergrounded!

Requested Info

The lines must be undergrounded!

Response sent**Response Notes:**

Thank you for your feedback regarding TEP's proposed Midtown Reliability Project. We appreciate your comments and will include them in the project record provided to the Arizona Corporation Commission (ACC).

We hope you continue to stay engaged in the project as details of the project become more defined. You'll be able to find all the latest information on the project webpage at www.tep.com/midtown.

Comment Method: Comms/Online**Comment Date** 9/23/2023**Category** Resident in Study Area, Live/Work near Study Area**Concerns Topics**

Cost, Appearance, Support Underground

Heard About Newsletter Mailing, Word of Mouth**Issues/Phone Message/Comments**

Utilities in the right of way or visible from the street should be placed underground.

Additional Info

Overhead lines are in direct conflict with UA Area Plan and Major Streets and Routes Plan. Tucson values it's distinctive character and neighborhoods and massive overhead lines run against these values. Cost to TEP to underground is negligible and undergrounding will safeguard our city's extraordinary views. No to massive overhead power lines!

Requested Info**Response sent****Response Notes:**

Thank you for your feedback regarding TEP's proposed Midtown Reliability Project. We appreciate your comments and will include them in the project record provided to the Arizona Corporation Commission (ACC).

We hope you continue to stay engaged in the project as details of the project become more defined. You'll be able to find all the latest information on the project webpage at www.tep.com/midtown.

Comment Method: Comms/Online**Comment Date** 9/22/2023**Category** Resident in Study Area**Concerns Topics**

Support Underground, Safety

Heard About Other**Issues/Phone Message/Comments**

Future climate is unpredictable and undergrounding would be safer and cheaper to repair in the event of extreme winds and other contingencies due to climate change. Even strong earthquakes have been known to occur in this region.

Additional Info**Requested Info**

Response sent**Response Notes:**

Thank you for your feedback regarding TEP's proposed Midtown Reliability Project. We appreciate your comments and will include them in the project record provided to the Arizona Corporation Commission (ACC).

We hope you continue to stay engaged in the project as details of the project become more defined. You'll be able to find all the latest information on the project webpage at www.tep.com/midtown.

Comment Method: Comms/Online**Comment Date** 9/22/2023**Category** Resident in Study Area**Concerns Topics**

Location, Support Underground

Heard About Project Website**Issues/Phone Message/Comments**

All lines must be underground, and the gateway provisions be followed. None of this project should impact residential areas.

Additional Info**Requested Info**

Response sent**Response Notes:**

Thank you for your feedback regarding TEP's proposed Midtown Reliability Project. We appreciate your comments and will include them in the project record provided to the Arizona Corporation Commission (ACC).

No transmission line routes have been identified at this time, only a study area in which potential routes will be considered.

We hope you continue to stay engaged in the project as details of the project become more defined. You'll be able to find all the latest information on the project webpage at www.tep.com/midtown.

Comment Method: Comms/Online**Comment Date** 9/21/2023**Category** Live/Work near Study Area,
Neighborhood Association Board
member**Concerns Topics**Appearance, Location, Support
Underground, Safety**Heard About** Project Website, Newsletter Mailing,
Word of Mouth**Issues/Phone Message/Comments**

The RillitoBend Neighborhood (north of Prince Road) has already suffered from the poor planning and construction of large diameter power poles on Prince Road. Site visibility triangles for vehicle safety, bicycle paths, and pedestrian paths have all been adversely impacted. Compounding the poor planning is that many existing poles remain with remnant communication lines which add to the visual clutter and safety issues.

Additional Info

With the new midtown project, we have an opportunity to plan and install power lines properly which may include above and below ground options.

Requested Info**Response sent****Response Notes:**

Thank you for your feedback regarding TEP's proposed Midtown Reliability Project. We appreciate your comments and will include them in the project record provided to the Arizona Corporation Commission (ACC).

No transmission line routes have been identified at this time, only a study area in which potential routes will be considered.

We hope you continue to stay engaged in the project as details of the project become more defined. You'll be able to find all the latest information on the project webpage at www.tep.com/midtown.

Comment Method: Comms/Online**Comment Date** 9/21/2023**Category** Resident in Study Area**Concerns Topics**

Location, Support Underground

Heard About Public Meeting, Word of Mouth**Issues/Phone Message/Comments**

Undergrounding lines along Campbell/Kino corridor is the only approach that respects the affected neighborhoods. Renaming the project was clearly an excuse for discarding several years of public input that showed a clear consensus on this issue.

Additional Info**Requested Info****Response sent****Response Notes:**

Thank you for your feedback regarding TEP's proposed Midtown Reliability Project. We appreciate your comments and will include them in the project record provided to the Arizona Corporation Commission (ACC).

We acknowledge that a lot of work went into the past Kino-DMP project, and many residents and stakeholders spent countless hours considering the issues and developing potential solutions. While we're starting from a blank canvas on routing, all the understanding and knowledge gained through your participation and that of so many others will be carried forward to inform the transmission line routing solutions developed as part of the Midtown Reliability Project.

We hope you continue to stay engaged in the project as details of the project become more defined. You'll be able to find all the latest information on the project webpage at www.tep.com/midtown.

Comment Method: Comms/Online**Comment Date** 9/21/2023**Category** Resident in Study Area, Live/Work near Study Area**Concerns Topics**

Cost, Location, Support Underground, Historic, Safety, Renewable Energy, Reliability, Substation

Heard About Newsletter Mailing, Word of Mouth**Issues/Phone Message/Comments**

Primarily human safety, and resilience of the system in a fast changing climate; as well as leveraging the natural solar potential of this area. And lastly, avoiding destroying historic neighborhoods (such as Jefferson Park near the large substation upgrade) who is celebrating 125 years in 2023.

Additional Info

Specific safety and cost comparison side by side of overhead and underground lines have not been provided. It's not obvious how the overhead lines are more resilient and safe than underground for the residents. Especially in light of the extreme weather (prolonged heat exposure, increased dry thunder storms and high wind speeds). Additionally, as a resident of the Jefferson Park neighborhood - our neighborhood is lumped in with the electricity use of the U of A and their hospital - and would like to know why the U of A isn't burdening most of real estate required for the substation upgrades.

Requested Info**Response sent****Response Notes:**

Thank you for your feedback regarding TEP's proposed Midtown Reliability Project. We appreciate your comments and will include them in the project record provided to the Arizona Corporation Commission (ACC).

TEP is planning to provide more than 70 percent of our power from wind and solar resources as part of a cleaner energy portfolio that will reduce carbon emissions 80 percent by 2035. I'd encourage you to view our Integrated Resource Plan, which I believe will answer many of your questions. You can access this at <https://www.tep.com/tep-2020-integrated-resource-plan/>.

No transmission line routes have been identified at this time, only a study area in which potential routes will be considered.

We hope you continue to stay engaged in the project as details of the project become more defined. You'll be able to find all the latest information on the project webpage at www.tep.com/midtown.

Comment Method: Comms/Online**Comment Date** 9/21/2023**Category** Resident in Study Area, Special Interest Group**Concerns Topics** Appearance, Location**Heard About** Other**Issues/Phone Message/Comments**

YOUR PYLONS BELONG ON ARTERIAL STREETS, NOT RESIDENTIAL. UNTIL TEP MAKES A COMMITMENT TO ABATE GRAFFITI APPROPRIATELY AND NOT HAVE HODGE PODGE COLORS ON YOUR RUSTY POLES, TEP SHOULD NOT BE ALLOWED TO PUT THEM ANYWHERE. I HAVE BEEN FIGHTING THIS FOR 20 YEARS AND NOTHING HAS CHANGED. BUT...YOU KEEP RAISING YOUR RATES

Additional Info**Requested Info****Response sent****Response Notes:**

Thank you for your feedback regarding TEP's proposed Midtown Reliability Project. We appreciate your comments and will include them in the project record provided to the Arizona Corporation Commission (ACC).

No transmission line routes have been identified at this time, only a study area in which potential routes will be considered.

We hope you continue to stay engaged in the project as details of the project become more defined. You'll be able to find all the latest information on the project webpage at www.tep.com/midtown.

Comment Method: Comms/Online**Comment Date** 9/21/2023**Category** Resident in Study Area**Concerns Topics**Location, Support Underground,
Historic**Heard About** Word of Mouth**Issues/Phone Message/Comments**

There exists a gateway ordinance that prohibits the construction of large transmission poles along Cambell Ave, past the university. I live in one of the affected neighborhoods, and your plans will severely mar the historic nature of our neighborhood. Please respect the wishes of the community and laws that are in place. The only appropriate action is to underground the transmission lines through mid-town Tucson.

Additional Info

There is a gateway ordinance for the City of Tucson. Please respect our community and our law.

Requested Info

Response sent**Response Notes:**

Thank you for your feedback regarding TEP's proposed Midtown Reliability Project. We appreciate your comments and will include them in the project record provided to the Arizona Corporation Commission (ACC).

No transmission line routes have been identified at this time, only a study area in which potential routes will be considered.

We hope you continue to stay engaged in the project as details of the project become more defined. You'll be able to find all the latest information on the project webpage at www.tep.com/midtown.

Comment Method: Comms/Online**Comment Date** 9/20/2023**Category** Resident in Study Area**Concerns Topics**

Location, Support Underground

Heard About**Issues/Phone Message/Comments**

-- At this date Sept. 20, 2023, proposed route(s) and line segments have not been published for comment. I am concerned and plan to comment on the proposed route(s) and line segments.

-- Lines will be laid underground as required by Tucson law. I expect TEP to understand and to follow established City, County, State, and Federal laws.

Additional Info

Not at this time.

Requested Info

Response sent**Response Notes:**

Thank you for your feedback regarding TEP's proposed Midtown Reliability Project. We appreciate your comments and will include them in the project record provided to the Arizona Corporation Commission (ACC).

No transmission line routes have been identified at this time, only a study area in which potential routes will be considered. We hope you continue to stay engaged in the project as details of the project become more defined. You'll be able to find all the latest information on the project webpage at www.tep.com/midtown. In addition, a public open house will be held tonight, September 21st from 6:00-8:00pm at the Doubletree Reid Park. We hope you can join us.

Comment Method: Comms/Online**Comment Date** 9/20/2023**Category** Resident in Study Area**Concerns Topics**

Support Underground

Heard About Project Website, Newsletter Mailing,
Word of Mouth**Issues/Phone Message/Comments**

While I understand the increasing demand for area electricity, I support underground lines or a solution less intrusive than the proposed high pole system.

Additional Info**Requested Info**

Response sent**Response Notes:**

Thank you for your feedback regarding TEP's proposed Midtown Reliability Project. We appreciate your comments and will include them in the project record provided to the Arizona Corporation Commission (ACC).

We hope you continue to stay engaged in the project as details of the project become more defined. You'll be able to find all the latest information on the project webpage at www.tep.com/midtown.

Comment Method: Comms/Online

Comment Method: Comms/Online**Comment Date** 9/20/2023**Category** Resident in Study Area, Live/Work near Study Area**Concerns Topics**

Cost, Appearance, Location, Property Value, Support Underground, Historic, Substation

Heard About Project Website, Newsletter Mailing**Issues/Phone Message/Comments**

Points for the TEP meeting and online comments:

1. An overhead project is in direct conflict with the UA Area Plan (UAP) and Major Streets and Routes Plan (MS&R Plan), both adopted plans governing the development and growth of the Tucson region.

"The UAP [University Area Plan] specifically directs that utility lines be placed underground where possible to mitigate impacts on adjacent uses." ZE Decision dated 5-13-21; see also UAP §6, Policy No.6.

"[U]tilities in the right of way or visible from the street should be placed underground, wherever possible" MS&R Plan at Policy 5 & 6 Guideline 4.

2. Tucson values its distinctive character, vibrant city neighborhoods, and thoughtful growth, as reflected in numerous development codes, ordinances, area and neighborhood plans, and scenic gateway routes such as Kino/Campbell. To allow an unprecedented invasion of the massive overhead lines runs completely against these longstanding values.

3. The presence of residential neighborhoods adjacent to or directly within the proposed route will lead to a loss of property value. TEP cites studies that show the devaluation of private property from overhead lines reaches a minimum of 10% when within 500–1,000 feet of the proposed right-of-way.

4. Quite a few affected neighborhoods within the study area are designated as National Historic Districts, and two neighborhoods are Neighborhood Preservation Zones (NPZs). Citizens worked for years to implement these safeguards to protect the unique historic neighborhoods of Tucson.

5. The cost to TEP to go underground is negligible, estimated to be 2/100th of the most current 11.5% rate increase, or about .20 per month per customer. The ACC could very possibly allow a zero rate increase for such a project, so TEP might have to absorb the expenditure as an ordinary cost to TEP and its shareholders of doing business in Tucson and complying with Tucson ordinances and plans, which were known to TEP when they signed the current franchise contract. The city, U of A, and Banner should help as well. They are huge energy users, and this is to their advantage as much, if not more, than anyone else.

6. Coalitions, neighborhood groups and associations, and individual citizens have invested an immense amount of time, effort, and financial commitment into the goal of ensuring the undergrounding of lines. To dismiss the need to go underground is not acceptable. A collaborative group of stakeholders willing to discuss the issue should be formed.

7. The 2026 renewal of the franchise fee will be difficult to pass if the overhead lines and massive pylons are running through the heart of the city; the public feels betrayed by TEP's unwillingness to consider undergrounding.

8. The proposed Vine substation will be located in a densely populated area, with the hospital nearby, residential neighborhoods on two sides, and Uof A buildings and residences on the other. TEP stated the Vine location as most appropriate due to the need to remain in the "Load Center". What is the radius of the load center, and could the substation be moved to a more industrial area?

Comment Method: Comms/Online

9. The issue of undergrounding affects the entire community—residences, businesses, and scenic areas. Undergrounding will safeguard the city's extraordinary views. Pre-pandemic, in 2018–19, tourists spent \$2.4 billion for the year in the Tucson market. That comes to more than \$5,000 per household.

Additional Info

Do the right thing. You'd be surprised by what can happen as a result.

Requested Info

Believe in the goodness in yourselves.

Response sent**Response Notes:**

Thank you for your feedback regarding TEP's proposed Midtown Reliability Project. We appreciate your comments and will include them in the project record provided to the Arizona Corporation Commission (ACC).

No transmission line routes have been identified at this time, only a study area in which potential routes will be considered. With the failure of Proposition 412 earlier this year, the voters of Tucson declined a solution that would have raised the funds to pay for the difference in cost between an overhead and underground transmission line.

There isn't really a radius to the load center, rather it's the center of the area to be served power by that substation. TEP tries to locate substations as close as possible to the center of this service area in order to minimize costs associated with extending higher capacity distribution lines, known as feeders throughout the substations service area. TEP conducted an extensive search of available properties in the area, which is primarily comprised of residential, commercial, and institutional land uses as opposed to industrial. The Vine location was the best site that we could secure with respect to a central location and while it is adjacent to residential on one side, the other three sides are commercial in nature.

While many of APS and SRP "distribution" lines are buried, in all but a few very limited instances, their "transmission" lines are constructed overhead. There is a very big difference between constructing and operating a distribution line underground and constructing and operating a transmission line underground.

We hope you continue to stay engaged in the project as details of the project become more defined. You'll be able to find all the latest information on the project webpage at www.tep.com/midtown. In addition, a public open house will be held on September 21st from 6:00-8:00pm at the Doubletree Reid Park. We hope you can join us.

Comment Method: Comms/Online

Comment Method: Comms/Online**Comment Date** 9/20/2023**Category** Resident in Study Area**Concerns Topics**

Cost, Appearance, Location, Property Value, Support Underground, Safety

Heard About Project Website, Newsletter Mailing**Issues/Phone Message/Comments**

I write to protest TEP's plans to use extraordinarily tall, and even taller, above-ground utility poles in midtown Tucson, the University area generally, and specifically along Campbell Avenue. We protest this proposal for four reasons.

First, the decision appears based upon socioeconomic factors. In richer cities also served by TEP (e.g., Scottsdale) there are no imposing above ground power poles. Hence, the decision of if and where to use above ground poles seems to be blatant economic discrimination: relatively higher socioeconomic areas receive service from underground utilities, less affluent areas get aversive above-ground structures that destroy views, seriously erode property values, and discourage citizens from living in the city, particularly midtown.

Second, the City of Tucson has long supported an attractive corridor from the Tucson International Airport. A friendly, attractive introduction to the city is useful in attracting visitors, businesses, and students to Tucson. TEP's reluctance to use underground utilities is an acute indifference to city and community interests.

Third, increasing fires, wind, and storm damage have shown the vulnerability of above-ground power lines in these changing and challenging climate conditions. Above-ground power lines add greater risk for longer and more expensive power shortages, equipment repair, property damages, and threats to human safety. Any cost differences in constructing underground vs above-ground utilities would seem to be a prudent insurance investment for TEP to make, given the instances of lawsuits for fires and other damages caused by falling power lines.

Undergrounding estimates of the cost of constructing underground utilities is overestimated by TEP and the related payment schedule over time is not accurately presented by TEP. The City of Tucson should call for an independent audit of TEP's calculations and claims. Complete Transparency is in the best interest of Tucson Citizens.

Additional Info**Requested Info****Response sent****Response Notes:**

Thank you for your feedback regarding TEP's proposed Midtown Reliability Project. We appreciate your comments and will include them in the project record provided to the Arizona Corporation Commission (ACC).

No transmission line routes have been identified at this time, only a study area in which potential routes will be considered.

While many of APS and SRP "distribution" lines are buried, in all but a few very limited instances, their "transmission" lines are constructed overhead. There is a very big difference between constructing and operating a distribution line underground and constructing and operating a transmission line underground.

We hope you continue to stay engaged in the project as details of the project become more defined. You'll be able to find all the latest information on the project webpage at www.tep.com/midtown. In addition, a public open house will be held tonight, September 21st from 6:00-8:00pm at the Doubletree Reid Park. We hope you can join us.

Comment Method: Comms/Online

Comment Method: Comms/Online**Comment Date** 9/20/2023**Category** Resident in Study Area, Business Owner in Study Area, Live/Work near Study Area**Concerns Topics** Cost, Appearance, Property Value, Support Underground, Safety, Reliability**Heard About** Newsletter Mailing, Public Meeting, Word of Mouth**Issues/Phone Message/Comments**

The survey you sent out about pole preferences was ludicrous and insulting. The only acceptable solution is undergrounding these lines. Not tall poles, not short poles, not green poles or brown poles. No poles. Underground lines. That is the best solution when it comes to safety, aesthetics, reliability and property values.

Additional Info

The cost of undergrounding these lines are insignificant to TEP or ratepayers.

Let's say the cost differential of undergrounding to TEP is \$20 million. Spread out over 59 years, that's \$340,000 per year.

This cost can easily be absorbed by TEP, whose investors made \$150 million in profit last year. But even if TEP customers pay the tab for this, we are looking at \$28000 per month for the whole city -- a few extra cents per month per household.

Requested Info**Response sent****Response Notes:**

Thank you for your feedback regarding TEP's proposed Midtown Reliability Project. We appreciate your comments and will include them in the project record provided to the Arizona Corporation Commission (ACC).

With the failure of Proposition 412 earlier this year, the voters of Tucson declined a solution that would have raised the funds to pay for the difference in cost between an overhead and underground transmission line.

We hope you continue to stay engaged in the project as details of the project become more defined. You'll be able to find all the latest information on the project webpage at www.tep.com/midtown.

Comment Method: Comms/Online

Comment Date 9/20/2023

Category Resident in Study Area

Concerns Topics

Location

Heard About

Issues/Phone Message/Comments

Stay out of Arryo Chico and don't even think in runt this on country club.

Additional Info

Requested Info

Unable to send response

Response Notes:

No contact information provided

Comment Method: Comms/Online

Comment Method: Comms/Online**Comment Date** 9/20/2023**Category** Resident in Study Area**Concerns Topics**Location, Renewable Energy,
Reliability**Heard About** Other**Issues/Phone Message/Comments**

"We'll use road right-of-way for placement of most poles." And for the other poles, placement will be . . . front yards? Fighting these placements on private property that you seem to foretell will cost Tucsonans exorbitant amounts in legal fees. Legal fees that will, in all likelihood, be paid in vain as private citizens have little ability to fight what amounts to a taking by a "public" utility.

Additional Info

Why isn't it feasible to work with the existing structures to improve reliability? How do the proposed new structures aid in the handling of bi-directional flow from small renewable sources connecting to the grid? What improved technologies to monitor and control the lines and the power load through the lines come with these new structures? For instance, will there be updated temperature monitoring? Will there be improved ability to control flow through the lines in response to up-to-date weather monitoring? Will phase-shifting transformers be a part of the new high voltage lines?

Requested Info**Response sent****Response Notes:**

Thank you for your feedback regarding TEP's proposed Midtown Reliability Project. We appreciate your comments and will include them in the project record provided to the Arizona Corporation Commission (ACC).

The Midtown Reliability Project will improve reliability by making improvements at all levels of the electrical grid. This includes upgrading poles at the distribution level in need of replacement and removal of old 46kV lines, while installing the new 138kV transmission line. While distribution poles are not engineered to support transmission, it may be possible in some places to re-use either the poles supporting the current 46kV lines or the 46kV line routes. Since we don't have a transmission line route identified at this time, it's premature to provide a definitive answer on this, but certainly an opportunity we can look for.

The new transmission structures will simply support the transmission line conductor which will energize the proposed Vine Substation. Small renewable sources would be connected at the distribution level of the grid. The distribution system improvements, including upgrading lower capacity circuits from 4kV to our current standard 14kV circuits will provide the needed capacity to bring any renewable energy generated at a home or business in excess of their needs back onto the grid.

No new monitoring and control technology will come with the new structures. However, TEP does install fiber optic communications in an optical ground wire (OPGW) as part of the project which will allow TEP to remotely monitor and control equipment in the proposed Vine Substation.

At this time, there will not be updated temperature monitoring.

There will not be improved ability to control flow through the lines in response to up-to-date weather monitoring.

Phase-shifting transformers will not be a part of the new high voltage lines.

Comment Method: Comms/Online

We hope you continue to stay engaged in the project as details of the project become more defined. You'll be able to find all the latest information on the project webpage at www.tep.com/midtown.

Comment Method: Comms/Online

Comment Method: Comms/Online**Comment Date** 9/20/2023**Category** Resident in Study Area, Live/Work near Study Area**Concerns Topics** Appearance, Location, Support Underground, Historic**Heard About** Newsletter Mailing, Word of Mouth**Issues/Phone Message/Comments**

The power lines through midtown Campbell should be put underground. I 100% support the points made by the underground coalition and neighborhood associations, including Sam Hughes where I live.

I have written the city and TEP directly numerous times on this issue, but apparently there is another form to fill out. Here is my latest message to the city:

I am a resident in the Campbell Ave. study area, and I also live, work, shop, and dine with my family, friends, and colleagues at the UA in the study area.

Campbell Ave by UA and all the way to river is an iconic and historic area and one of the few person-scaled areas in this city. Installing large power poles is not in line with promoting human-scaled small business development and is an eyesore. These should be out underground, and the city should demand forward-thinking development.

By the university, this area a the gateway for many people coming to campus from the east, northeast, and southeast. 3rd st is a major bike boulevard all the way out east. Wildcat sports games all walk and gather through here. Campbell Ave. And Speedway is supposed to be the gateway to the UA and is slated for development with a high-rise building. Campbell Ave North of speedway has newly developed hospital and med school areas. All of these areas are connected and used by many for walking and biking in adjacent neighborhoods of Sam Hughes, Blenman Elm, Catalina Vista, and Jefferson Park. I and many others regularly walk, bike, run, and live right in the areas where the poles will be going. Further north new restaurants open routinely, and new development continues. Many, many locations have outdoor eating facing the street where these massive spikes will go.

One of my running routes is down Helen to country club, and every time I go there, I cringe because I see the massive power poles already installed there on country club. These things are massive, ugly, intimidating, and should be undergrounded, especially in the few historic and iconic locations we have in Tucson. They are not meant for a people-centric designed city.

Additional Info**Requested Info****Response sent****Response Notes:**

Thank you for your feedback regarding TEP's proposed Midtown Reliability Project. We appreciate your comments and will include them in the project record provided to the Arizona Corporation Commission (ACC).

No transmission line routes have been identified at this time, only a study area in which potential routes will be considered. We hope you continue to stay engaged in the project as details of the project become more defined. You'll be able to find all the latest information on the project webpage at www.tep.com/midtown. In addition, a public open house will be held on September 21st from 6:00-8:00pm at the Doubletree Reid Park. We hope you can join us.

Comment Method: Comms/Online

Comment Method: Comms/Online

Comment Method: Comms/Online**Comment Date** 9/19/2023**Category** Resident in Study Area**Concerns Topics**

Cost, Appearance, Location, Property Value, Support Underground, Historic, Substation

Heard About Word of Mouth**Issues/Phone Message/Comments**

I am 100% against using overhead electric poles for this project. The following issues are important to me as a resident of the area in Tucson:

1. An overhead project is in direct conflict with the UA Area Plan (UAP) and Major Streets and Routes Plan (MS&R Plan), both adopted plans governing the development and growth of the Tucson region.

"The UAP [University Area Plan] specifically directs that utility lines be placed underground where possible to mitigate impacts on adjacent uses." ZE Decision dated 5-13-21; see also UAP §6, Policy No.6.

"[U]tilities in the right of way or visible from the street should be placed underground, wherever possible" MS&R Plan at Policy 5 & 6 Guideline 4.

2. Tucson values its distinctive character, vibrant city neighborhoods, and thoughtful growth, as reflected in numerous development codes, ordinances, area and neighborhood plans, and scenic gateway routes such as Kino/Campbell. To allow an unprecedented invasion of the massive overhead lines runs completely against these longstanding values.

3. The presence of residential neighborhoods adjacent to or directly within the proposed route will lead to a loss of property value. TEP cites studies that show the devaluation of private property from overhead lines reaches a minimum of 10% when within 500–1,000 feet of the proposed right-of-way.

4. Quite a few affected neighborhoods within the study area are designated as National Historic Districts, and two neighborhoods are Neighborhood Preservation Zones (NPZs). Citizens worked for years to implement these safeguards to protect the unique historic neighborhoods of Tucson.

5. The cost to TEP to go underground is negligible, estimated to be 2/100th of the most current 11.5% rate increase, or about .20 per month per customer. The ACC could very possibly allow a zero rate increase for such a project, so TEP might have to absorb the expenditure as an ordinary cost to TEP and its shareholders of doing business in Tucson and complying with Tucson ordinances and plans, which were known to TEP when they signed the current franchise contract. The city, U of A, and Banner should help as well. They are huge energy users, and this is to their advantage as much, if not more, than anyone else.

6. Coalitions, neighborhood groups and associations, and individual citizens have invested an immense amount of time, effort, and financial commitment into the goal of ensuring the undergrounding of lines. To dismiss the need to go underground is not acceptable. A collaborative group of stakeholders willing to discuss the issue should be formed.

7. The 2026 renewal of the franchise fee will be difficult to pass if the overhead lines and massive pylons are running through the heart of the city; the public feels betrayed by TEP's unwillingness to consider undergrounding.

8. The proposed Vine substation will be located in a densely populated area, with the hospital nearby, residential neighborhoods on two sides, and Uof A buildings and residences on the other. TEP stated the Vine location as most appropriate due to the need to remain in the "Load Center". What is the radius of the load center, and could the substation be moved to a more industrial area?

9. The issue of undergrounding affects the entire community—residences, businesses, and scenic areas.

Comment Method: Comms/Online

Undergrounding will safeguard the city's extraordinary views. Pre-pandemic, in 2018–19, tourists spent \$2.4 billion for the year in the Tucson market. That comes to more than \$5,000 per household.

Additional Info

Undergrounding is used in other Arizona cities, such as Phoenix, why not Tucson?

Requested Info

Response sent**Response Notes:**

Thank you for your feedback regarding TEP's proposed Midtown Reliability Project. We appreciate your comments and will include them in the project record provided to the Arizona Corporation Commission (ACC).

No transmission line routes have been identified at this time, only a study area in which potential routes will be considered. With the failure of Proposition 412 earlier this year, the voters of Tucson declined a solution that would have raised the funds to pay for the difference in cost between an overhead and underground transmission line.

There isn't really a radius to the load center, rather it's the center of the area to be served power by that substation. TEP tries to locate substations as close as possible to the center of this service area in order to minimize costs associated with extending higher capacity distribution lines, known as feeders throughout the substations service area. TEP conducted an extensive search of available properties in the area, which is primarily comprised of residential, commercial, and institutional land uses as opposed to industrial. The Vine location was the best site that we could secure with respect to a central location and while it is adjacent to residential on one side, the other three sides are commercial in nature.

While many of APS and SRP "distribution" lines are buried, in all but a few very limited instances, their "transmission" lines are constructed overhead. There is a very big difference between constructing and operating a distribution line underground and constructing and operating a transmission line underground.

We hope you continue to stay engaged in the project as details of the project become more defined. You'll be able to find all the latest information on the project webpage at www.tep.com/midtown. In addition, a public open house will be held on September 21st from 6:00-8:00pm at the Doubletree Reid Park. We hope you can join us.

Comment Method: Comms/Online**Comment Date** 9/19/2023**Category** Resident in Study Area**Concerns Topics****Heard About** Public Meeting, Word of Mouth,
Other**Issues/Phone Message/Comments**

The major (overarching) issues that concern me are: (1) under pressure from TEP, Tucson is in danger of falling behind cities worldwide who are making informed decisions about infrastructure; and (2) under pressure from TEP, citizens of Tucson are losing faith in our traditional utilities, which further hampers progress. TEP divides to conquer. There is no good faith private/public planning for a better future.

Additional Info**Requested Info****Response sent****Response Notes:**

Thank you for your feedback regarding TEP's proposed Midtown Reliability Project. We appreciate your comments and will include them in the project record provided to the Arizona Corporation Commission (ACC).

We hope you continue to stay engaged in the project as details of the project become more defined. You'll be able to find all the latest information on the project webpage at www.tep.com/midtown.

Comment Method: Comms/Online**Comment Date** 9/19/2023**Category** Resident in Study Area, Special Interest Group**Concerns Topics**

Cost, Appearance, Location, Property Value, Support Underground, Historic

Heard About Newsletter Mailing, Public Meeting, Word of Mouth**Issues/Phone Message/Comments**

1. Tucson's Major Streets and Routes Plan and UA Area plan direct utility lines to be placed underground where possible. On the routes proposed, undergrounding is definitely possible.
2. There is clear evidence that overhead towers and lines, especially of this large size, devalue nearby private property.
3. The cost to TEP of undergrounding is far less than TEP claims; in fact, it is negligible. TEP and its shareholders should be able to absorb this cost. The U of A and Banner Hospital, both huge energy users, could help if necessary.
4. Two National Historic Districts and 2 neighborhoods within the proposed area that are Neighborhood Preservation Zones. These neighborhoods contain a variety of architectural styles that neighbors have worked hard to protect. The project, as proposed, will devalue these neighborhoods.
5. Tucson is prized for its extraordinary mountain views in all directions. Erecting huge, view-blocking towers and lines makes no sense. TEP needs to be a good citizen and build UNDERGROUND in a way that helps ensure Tucson's future as a desirable place to live.

This comment comes from the Sam Hughes Neighborhood Association.

Additional Info**Requested Info****Response sent****Response Notes:**

Thank you for your feedback regarding TEP's proposed Midtown Reliability Project. We appreciate your comments and will include them in the project record provided to the Arizona Corporation Commission (ACC).

We hope you continue to stay engaged in the project as details of the project become more defined. You'll be able to find all the latest information on the project webpage at www.tep.com/midtown.

Comment Method: Comms/Online**Comment Date** 9/18/2023**Category** Resident in Study Area, Live/Work near Study Area**Concerns Topics**

Appearance, Location, Property Value, Support Underground, Renewable Energy

Heard About Project Website, Public Meeting, Word of Mouth**Issues/Phone Message/Comments**

Community beautification
 Neighborhood continuity
 Holding private corporations to account
 Under grounding
 Decarbonization

Additional Info

TEP adhering to our undergrounding (regulations) on scenic and gateway corridors but they need to dip into shareholder earnings and also commit to real identifiable decarbonization work

Requested Info

I am a resident of Catalina Vista neighborhood and my kids go to school in the Jefferson Park neighborhood.

TEP should underground this project. I oppose dividing neighborhoods, maiming view sheds and hurting property values to further increase an out-of-country corporations quarterly profits.

Response sent**Response Notes:**

Thank you for your feedback regarding TEP's proposed Midtown Reliability Project. We appreciate your comments and will include them in the project record provided to the Arizona Corporation Commission (ACC).

TEP is planning to provide more than 70 percent of our power from wind and solar resources as part of a cleaner energy portfolio that will reduce carbon emissions 80 percent by 2035. I'd encourage you to view our Integrated Resource Plan, which I believe will answer many of your questions. You can access this at <https://www.tep.com/tep-2020-integrated-resource-plan/>.

We hope you continue to stay engaged in the project as details of the project become more defined. You'll be able to find all the latest information on the project webpage at www.tep.com/midtown.

Comment Method: Comms/Online**Comment Date** 9/17/2023**Category****Concerns Topics**

Appearance, Renewable Energy

Heard About**Issues/Phone Message/Comments**

Are you trying to reinstate Tucson's "Ugliest City in America" title? Tucson's beauty is in its skylines, looking onto mountains in all directions. Massive utility poles focus the view of Tucson residents and visitors on TEP's inability to create a 100% renewable future. We do not need poles, we need for every building and road to supply their immediate surroundings with needed energy. I did not respond to your survey because is biased and self-serving. You live here too. If you want poles, put them on the street in front of your house and see how your neighbors react.

Additional Info**Requested Info****Unable to send response****Response Notes:**

Wrong email provided - undeliverable

Comment Method: Comms/Online**Comment Date** 9/17/2023**Category** Resident in Study Area**Concerns Topics**

Location, Support Underground

Heard About Newsletter Mailing**Issues/Phone Message/Comments**

I would like to see the lines installed on a street that is already a designated thruway, for example Country Club, not Camilla. I'd also prefer underground even with added expense.

Additional Info**Requested Info**

Response sent**Response Notes:**

Thank you for your feedback regarding TEP's proposed Midtown Reliability Project. We appreciate your comments and will include them in the project record provided to the Arizona Corporation Commission (ACC).

No transmission line routes have been identified at this time, only a study area in which potential routes will be considered. Camilla is actually located outside of the project study area, so would not even be considered as an option. We hope you continue to stay engaged in the project as details of the project become more defined. You'll be able to find all the latest information on the project webpage at www.tep.com/midtown. In addition, a public open house will be held on September 21st from 6:00-8:00pm at the Doubletree Reid Park. We hope you can join us.

Comment Method: Comms/Online

Comment Date 9/16/2023

Category Resident in Study Area

Concerns Topics

Property Value, Support Underground

Heard About Newsletter Mailing, Word of Mouth

Issues/Phone Message/Comments

7 - 10 ft. above ground poles would diminish the quality of our lives and our property values. It is appalling that TEP is attempting to squirm around the city mandate for underground utility lines. We, the residents of midtown are vehemently opposed to your newly packaged "midtown reliability project".

Additional Info

Requested Info

Response sent

Response Notes:

Thank you for your feedback regarding TEP's proposed Midtown Reliability Project. We appreciate your comments and will include them in the project record provided to the Arizona Corporation Commission (ACC).

We hope you continue to stay engaged in the project as details of the project become more defined. You'll be able to find all the latest information on the project webpage at www.tep.com/midtown.

Comment Method: Comms/Online**Comment Date** 9/14/2023**Category** Live/Work near Study Area**Concerns Topics**Location, Property Value, Support
Underground**Heard About** Project Website, Newsletter Mailing,
Word of Mouth**Issues/Phone Message/Comments**

The back of my house looks like substation NOW with 3 poles filled with equipment along my property alone, It's unsightly and I dislike it already as is, it was the only thing that almost kept me from buying this property. Now I see that instead of routing it on the known major route, those with higher property values rejected it so you want to send it through the lower income neighborhoods and reduce our property values, when we already deal with the burden of all the traffic from the park and UA facilities with no bike lanes no turn lanes (or even sidewalks in my neighborhood) and constant drag racing and more poles and bigger poles inches from the side of the road to meet the electricity needs of the University and all the new infill the city wants to put in. As the University grows larger and larger the neighborhoods bear more and more of the burden as well. I invest in electricity saving equipment now, I do my part, I shouldn't have to degrade my quality of life for the university of arizona reliability project. By the way -- have you ever seen the size of that electronic scoreboard?

Additional Info

The only way I would support this is if you undergrounded the power lines like the east side neighborhoods get. As I know you won't do that I will oppose this project completely.

Requested Info**Response sent****Response Notes:**

Thank you for your feedback regarding TEP's proposed Midtown Reliability Project. We appreciate your comments and will include them in the project record provided to the Arizona Corporation Commission (ACC).

No transmission line routes have been identified at this time, only a study area in which potential routes will be considered. We hope you continue to stay engaged in the project as details of the project become more defined. You'll be able to find all the latest information on the project webpage at www.tep.com/midtown. In addition, a public open house will be held on September 21st from 6:00-8:00pm at the Doubletree Reid Park. We hope you can join us.

Comment Method: Comms/Online**Comment Date** 9/12/2023

<u>Category</u>	Resident in Study Area, Business Owner in Study Area, Live/Work near Study Area	<u>Concerns Topics</u>	Location
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Heard About Newsletter Mailing, Word of Mouth**Issues/Phone Message/Comments**

Please only route the transmission lines along major streets, not residential streets.

Additional Info**Requested Info**

Response sent**Response Notes:**

Thank you for your feedback regarding TEP's proposed Midtown Reliability Project. We appreciate your comments and will include them in the project record provided to the Arizona Corporation Commission (ACC).

We hope you continue to stay engaged in the project as details of the project become more defined. You'll be able to find all the latest information on the project webpage at www.tep.com/midtown.

Comment Method: Comms/Online**Comment Date** 9/11/2023**Category** Resident in Study Area**Concerns Topics**

Location, Support Underground

Heard About Public Meeting, Word of Mouth**Issues/Phone Message/Comments**

I understand the need to upgrade the local grid to meet present and future power demands. However, I do have an issue with the huge 138kV poles that TEP wants to run through North University and Jefferson Park. It's my opinion that it would be better to run those larger poles along the Campbell corridor rather than through a neighborhood where someone has to live and look at everyday. I would say, please treat this situation as if you lived here.

Additional Info

Under grounding is optimal but I understand the cost trade offs. A line that traveled along a main corridor and avoided running through neighborhoods would avoid much of the uproar.

Requested Info

The proposed transmission line route.

Response sent**Response Notes:**

Thank you for your feedback regarding TEP's proposed Midtown Reliability Project. We appreciate your comments and will include them in the project record provided to the Arizona Corporation Commission (ACC).

No transmission line routes have been identified at this time. We hope you continue to stay engaged in the project as details of the project become more defined. You'll be able to find all the latest information on the project webpage at www.tep.com/midtown.

Comment Method: Comms/Online**Comment Date** 9/11/2023**Category** Resident in Study Area**Concerns Topics**Appearance, Support Underground,
Reliability**Heard About** Newsletter Mailing**Issues/Phone Message/Comments**

Most of Tucson's residents take pride not only in how their city looks and feels, but also, they seek long term stability of our power grid. The issues are more than the negative aesthetics that these massive power poles and lines will have. Importantly, given the major issues of climate change facing us all, such as more frequent and more dangerous storms with the potential of disrupting above ground power lines, burying electrical lines will go far to ensure continuity of power. The solution is not unique; other communities in Arizona have taken the path of burying power lines. While this solution is expensive and it certainly avoids the very visible and ugly power poles and lines, it also is an obvious and long term fix for power stability for the future in these uncertain climate times.

We have voted to put the electrical power lines underground. Do not ignore the will of the voters. The tactic of asking us how big we want the new power poles to be, ignores this basic fact. Please listen to us. We trust that you will be able to find a way to make underground power lines work in Tucson.

Additional Info**Requested Info****Response sent****Response Notes:**

Thank you for your feedback regarding TEP's proposed Midtown Reliability Project. We appreciate your comments and will include them in the project record provided to the Arizona Corporation Commission (ACC).

With the failure of Proposition 412 earlier this year, the voters of Tucson declined a solution that would have raised the funds to pay for the difference in cost between an overhead and underground transmission line.

No transmission line routes have been identified at this time. We hope you continue to stay engaged in the project as details of the project become more defined. You'll be able to find all the latest information on the project webpage at www.tep.com/midtown.

Comment Method: Comms/Online**Comment Date** 9/11/2023**Category** Resident in Study Area, Business
Owner in Study Area, Live/Work near
Study Area**Concerns Topics** Health, Location, Property Value,
Support Underground, Historic, Safety**Heard About** Newsletter Mailing**Issues/Phone Message/Comments**

Power lines in historic, inner-city residential neighborhoods must be undergrounded for health and safety concerns and to avoid turning the heart of our city into a slum where longtime low income homeowners loose the equity in their homes which constitutes most of their net worth.

Additional Info

Studies have shown that the cost of undergrounding is offset by lower maintenance costs in future years. The European Union requires undergrounding in residential areas.

Studies have shown that there is a higher incidence of childhood cancer in neighborhoods that have high tension power poles that are not undergrounded. We have not only resident children and youth but many schools in Jefferson Park.

Requested Info**Response sent****Response Notes:**

Thank you for your feedback regarding TEP's proposed Midtown Reliability Project. We appreciate your comments and will include them in the project record provided to the Arizona Corporation Commission (ACC).

We hope you continue to stay engaged in the project as details of the project become more defined. You'll be able to find all the latest information on the project webpage at www.tep.com/midtown.

Comment Method: Comms/Online**Comment Date** 9/11/2023**Category** Resident in Study Area**Concerns Topics**Location, Support Underground,
Historic**Heard About** Word of Mouth**Issues/Phone Message/Comments**

It is important that above ground transmission lines are not allowed in or alongside historic areas (as defined by or listed in the National Register of Historic Places, properties or districts, City of Tucson Historic Preservation Zones, City of Tucson Historic Landmarks, or Neighborhood Preservation Zones).

Additional Info

Meeting dates - opportunities for input.

Requested Info

Response sent**Response Notes:**

Thank you for your feedback regarding TEP's proposed Midtown Reliability Project. We appreciate your comments and will include them in the project record provided to the Arizona Corporation Commission (ACC).

We hope you continue to stay engaged in the project as details of the project become more defined. You'll be able to find all the latest information on the project webpage at www.tep.com/midtown.

Comment Method: Comms/Online**Comment Date** 9/7/2023**Category** Resident in Study Area**Concerns Topics**Appearance, Location, Support
Underground**Heard About** Word of Mouth**Issues/Phone Message/Comments**

Poles in neighborhood. I hear talk of running poles down Camilla a completely residential area also cutting through the park on the south end of the study area. I think these need to be on arteries only and underground where possible. How ugly do you want to make our beautiful mid-town area. Come up with better solutions.

Additional Info

Public input and updates on all plans

Requested Info**Response sent****Response Notes:**

Thank you for your feedback regarding TEP's proposed Midtown Reliability Project. We appreciate your comments and will include them in the project record provided to the Arizona Corporation Commission (ACC).

No transmission line routes have been identified at this time. We hope you continue to stay engaged in the project as details of the project become more defined. You'll be able to find all the latest information on the project webpage at www.tep.com/midtown.

Comment Method: Comms/Online

Comment Date 9/5/2023

Category Outside of Study Area

Concerns Topics Reliability

Heard About Newsletter Mailing

Issues/Phone Message/Comments

my home is just outside study area. my power went out 4 times this summer causing lots of stress and financial strain as I had to replace many items of food that was ruined. I am hoping I will not be excluded from this much needed project.

Additional Info**Requested Info**

Response sent**Response Notes:**

Thank you for your feedback regarding TEP's proposed Midtown Reliability Project. We appreciate your comments and will include them in the project record provided to the Arizona Corporation Commission (ACC).

Looking at your address, you probably won't see direct benefits from the Midtown Reliability Project. That said, it's reasonable to assume that you would see indirect benefits because several of the distribution circuits in nearby neighborhoods will receive their power from the new Vine Substation which means they'll have greater capacity, so in the event of an outage we may be able to reconfigure our system and tie those circuits to yours resulting in a shorter duration outage. Further, while this year usually we experienced some unusually strong monsoon storms near your home, TEP is actively inspecting and replacing old equipment throughout our system in an effort to proactively reinforce our system before failures occur, preventing the outages you experienced this year.

We hope you continue to stay engaged in the project as details of the project become more defined. You'll be able to find all the latest information on the project webpage at www.tep.com/midtown. In addition, a public open house will be held on September 21st from 6:00-8:00pm at the Doubletree Reid Park. We hope you can join us.

Comment Method: Comms/Online

Comment Date 9/1/2023

Category Resident in Study Area

Concerns Topics

Health, Support Underground, Safety

Heard About Public Meeting

Issues/Phone Message/Comments

Underground lines --- as a highly sensitive person and for one whose health is at stake, I would like my voice heard. I want underground lines for the health and safety of everyone in the area. The amount of EMF's transmitted is a hazard to the health of the inhabitants in the area. I know you will dispute this. THIS IS TO BE TAKEN SERIOUSLY. Money is not the only factor here. When you meet the needs of TEP at the expense of others, everyone suffers. Please consider this seriously.

Additional Info**Requested Info**

Response sent**Response Notes:**

Thank you for your feedback regarding TEP's proposed Midtown Reliability Project. We appreciate your comments and will include them in the project record provided to the Arizona Corporation Commission (ACC).

We hope you continue to stay engaged in the project as details of the project become more defined. You'll be able to find all the latest information on the project webpage at www.tep.com/midtown.

Comment Method: Comms/Online**Comment Date** 9/1/2023**Category** Resident in Study Area**Concerns Topics**Location, Property Value, Support
Underground, Historic**Heard About** Project Website, Public Meeting,
Word of Mouth**Issues/Phone Message/Comments**

The 100 foot poles are very unacceptable through the city which is why there was a city prohibition for gateway/scenic streets. It is even more inappropriate for any huge poles to enter a historic district. It not only lowers property value but endangers the historic nature of the district. Tucson deserves to preserve its historic buildings and places. TEP needs to underground in mid-town and not enter historic districts. If it means moving the substation by Banner,do so.

Additional Info**Requested Info****Response sent****Response Notes:**

Thank you for your feedback regarding TEP's proposed Midtown Reliability Project. We appreciate your comments and will include them in the project record provided to the Arizona Corporation Commission (ACC).

No transmission line routes have been identified at this time. We hope you continue to stay engaged in the project as details of the project become more defined. You'll be able to find all the latest information on the project webpage at www.tep.com/midtown.

Comment Method: Comms/Online**Comment Date** 9/1/2023**Category** Resident in Study Area**Concerns Topics**

Location, Support Underground

Heard About Newsletter Mailing, Public Meeting,
Word of Mouth**Issues/Phone Message/Comments**

We own home in Jefferson Park and having large transmission line poles running through our neighborhood is not safe. We believe and have said from the beginning of this project that these lines should run underground especially through residential areas.

Additional Info**Requested Info****Response sent****Response Notes:**

Thank you for your feedback regarding TEP's proposed Midtown Reliability Project. We appreciate your comments and will include them in the project record provided to the Arizona Corporation Commission (ACC).

No transmission line routes have been identified at this time. We hope you continue to stay engaged in the project as details of the project become more defined. You'll be able to find all the latest information on the project webpage at www.tep.com/midtown.

Comment Method: Comms/Online**Comment Date** 9/1/2023**Category** Resident in Study Area**Concerns Topics**

Cost, Support Underground

Heard About Newsletter Mailing**Issues/Phone Message/Comments**

All new electric lines need to be put underground. We have enough TEP poles in midtown Tucson!!!

Additional Info

TEP needs to take pride in Tucson by NOT just saying so ... BUT by doing so. One BIG way to DO so is by NOT putting up any additional poles and overhead electrical lines BUT by installing all new electrical lines underground. We have too many overhead electrical lines and poles in midtown as it is. The initial cost for installing underground electrical lines will be recouped within 5-7 years whereas the ugly poles/lines will be there for generations. TAKE pride in YOUR city TUCSON Electric Power!!! It should NOT be all about the money.....do the RIGHT thing for the ENTIRE community this time.....put the new electrical line(s) underground!!

Requested Info

Response sent**Response Notes:**

Thank you for your feedback regarding TEP's proposed Midtown Reliability Project. We appreciate your comments and will include them in the project record provided to the Arizona Corporation Commission (ACC).

We hope you continue to stay engaged in the project as details of the project become more defined. You'll be able to find all the latest information on the project webpage at www.tep.com/midtown.

Comment Method: Comms/Online**Comment Date** 8/31/2023**Category** Resident in Study Area**Concerns Topics**

Appearance, Location, Historic

Heard About Project Website**Issues/Phone Message/Comments**

It is unclear from the map exactly where the line is proposed through midtown. As I understood it, it was planned for Campell, and now it looks like it's being considered for east of Country Club, through a lower income midtown neighborhood (mine) vs through a higher income, historic property neighborhood. We need more information disseminated to the public, Town Hall meetings (via zoom), emails, snail mail, etc., as decisions get closer to being made as to the location. It is important to me that we don't get a huge above-ground powerline shoved into my neighborhood (Doolen/Fruitvale) because we are poorer with fewer loud voices to protest. We already have been infilled to exhaustion, the infrastructure cannot keep up with the overwhelming addition of multi-housing. The idea of adding even more visual pollution is alarming.

Additional Info

Any decision that impacts my neighborhood, Doolen/Fruitvale Neighborhood Association, Country Club to Palo Verde, Glenn to Grant. Any town hall meetings or other public meetings where we are invited to give input.

Requested Info

Response sent**Response Notes:**

Thank you for your feedback regarding TEP's proposed Midtown Reliability Project. We appreciate your comments and will include them in the project record provided to the Arizona Corporation Commission (ACC).

No transmission line routes have been identified at this time, only a study area in which potential routes will be considered. We hope you continue to stay engaged in the project as details of the project become more defined. You'll be able to find all the latest information on the project webpage at www.tep.com/midtown. In addition, a public open house will be held on September 21st from 6:00-8:00pm at the Doubletree Reid Park. We hope you can join us.

Comment Method: Comms/Online

Comment Date 8/31/2023

Category Special Interest Group

Concerns Topics

Heard About Word of Mouth

Issues/Phone Message/Comments

Additional Info

Requested Info

Response sent

Response Notes:

Thank you for your interest regarding TEP’s proposed Midtown Reliability Project.

We hope you continue to stay engaged in the project as details of the project become more defined. You'll be able to find all the latest information on the project webpage at www.tep.com/midtown.

Comment Method: Comms/Online**Comment Date** 8/31/2023**Category** Resident in Study Area**Concerns Topics****Heard About** Project Website**Issues/Phone Message/Comments**

The current above ground infrastructure is not reliable. In central Tucson, this summer, we have over 5 power outages do to rain and wind. The costs to homeowners from these outages are not considered in the TEPs decision to proceed with above ground lines. This project not will the unreliable electrical service from aging above ground infrastructure in central Tucson.

Additional Info**Requested Info****Response sent****Response Notes:**

Thank you for your feedback regarding TEP's proposed Midtown Reliability Project. We appreciate your comments and will include them in the project record provided to the Arizona Corporation Commission (ACC).

We'd like to encourage you to visit the project webpage at www.tep.com/midtown where you'll find additional information on how the Midtown Reliability Project will help to address reliability in the area. In addition, we'll be holding a public open house on September 21st from 6:00-8:00pm at the Doubletree Reid Park. We hope you can join us and we can further discuss the need for, and benefits of the project. We hope you continue to stay engaged in the project as details of the project become more defined.

Comment Method: Comms/Online**Comment Date** 8/28/2023**Category** Long time Arizona resident**Concerns Topics**Appearance, Property Value, Support
Underground, Safety**Heard About** Project Website**Issues/Phone Message/Comments**

Above ground utility lines not only are eyesores but are extremely dangerous during manmade and natural catastrophes, such as fires and heavy storms. In addition, they also diminish the values of nearby residential and commercial properties. Communities that have paid the price upfront of placing all utility transmission lines underground have realized greater safety and property enhancement. I urge TEP to place its proposed transmission line underground.

Thank you.

Additional Info**Requested Info****Response sent****Response Notes:**

Thank you for your feedback regarding TEP's proposed Midtown Reliability Project. We appreciate your comments and will include them in the project record provided to the Arizona Corporation Commission (ACC).

We hope you continue to stay engaged in the project as details of the project become more defined. You'll be able to find all the latest information on the project webpage at www.tep.com/midtown.

Comment Method: Comms/Online

Comment Date 4/29/2024

Category

Concerns Topics

Heard About

Issues/Phone Message/Comments

I live on East Adams and I want to know if the Midtown Reliability Project will affect the area where I live. Please could you call me back? Thank you.

Additional Info

Requested Info

Response Notes:

Comment Method: Voicemail/Toll-Free**Comment Date** 4/2/2024**Category****Concerns Topics****Heard About****Issues/Phone Message/Comments**

Hi, I have a question about the Midtown project. I'm specifically looking at the route segment down N Stone Ave. So if you could give me a call, I'd appreciate it. Thanks, bye.

Additional Info**Requested Info**

Response sent**Response Notes:**

Spoke with them, they own a tire shop south of Grant on Stone. They are concerned with how tight the area is. I ensured them that our engineers can do it. They were wondering if we have a preferred route yet and I let them know that we have 10 route alternatives currently. They asked about public comment and how long we're taking comments. I let them know that they will be included in the CEC application but won't have much influence if submitted after the application has been filed. They asked about the hearing and intervention opportunities. I let them know that TEP will send out a post card when the application is filed and when the hearing will be.

Comment Method: Voicemail/Toll-Free**Comment Date** 3/18/2024**Category****Concerns Topics****Heard About****Issues/Phone Message/Comments**

I received a notice that you're making some improvements, thank you. I just want you to know I need a call back because I don't have a computer or a cell phone and I can't read your map. Now I don't know if you need to change anything on my route. I use Grant and Glen and Swan and Craycroft, Speedway sometimes to the post office. So please give me a call back and let me know if I'm going to need to change my route in any way. Alright, thank you very much and keep up the good work. Alright, thank you. Bye-bye.

Additional Info**Requested Info****Response sent****Response Notes:**

They did not have any concerns about the project, they just wanted to understand if construction would affect any of their normal travel to the grocery store and to their doctor. I explained to them that we don't have a route yet, but none of the routes under consideration would affect their travel. They were happy to hear that and had no further questions.

Comment Method: Voicemail/Toll-Free**Comment Date** 3/15/2024**Category****Concerns Topics**

Location

Heard About**Issues/Phone Message/Comments**

If you could call me back please. I know you're sick of hearing from people about this damn electric coming down 7th street but I just have a question for you because I live at 7th and Tyndall and my fence goes right up to the sidewalk, and then the area between the sidewalk and the street is not very large so I was just wondering if I could schedule a time where you could come out and look at that because I know you're sick of people fighting you guys and I know you have to connect so that's not my issue. I just would like you to come and talk to me if you can. Okay thanks. Bye.

Additional Info**Requested Info****Response sent****Response Notes:**

They were wondering if TEP knew which side of the street the poles would be placed as well as how large around the poles would be at the base. I shared that we don't know that information yet because we have six different route alternatives under consideration. Once a route is approved, then we'll focus on detailed design. They asked about when the decision for a route would be made. I shared with them that we have an open house next week, but the hearing with the AZ Power Plant and Transmission Line Siting Committee, where a decision would be made, will occur in July.

I told them that in the meeting we had with the Pie Allen neighborhood recently, the idea of a landscape strip within the roadway that incorporated the lines was discussed, but that we would need to work with the City of Tucson on this. They mentioned some artwork at the base of the poles or murals on the poles might make it more appealing.

I told them that we plan to leave some door hangers along 7th Street towards the end of the week. They asked that I give them a call when in the area so we could talk more.

Comment Method: Voicemail/Toll-Free**Comment Date** 2/22/2024**Category****Concerns Topics****Heard About****Issues/Phone Message/Comments**

I'm calling in regards to the refined segments, Midtown Reliability Project and I don't think that it is the safest and healthiest idea to construct some electric power lines throughout our city. I currently live downtown in Menlo Park next to some high velocity power lines as it is and I can't imagine these running through Tucson. I hope you consider this and I will also send a letter to your e-mail. Thank you.

Additional Info

I have also left a message on your phone line.

Tucson would not benefit from more high powered electric towers, running through the city.

Thanks.

Requested Info**Response sent****Response Notes:**

Thank you for your feedback regarding TEP's proposed Midtown Reliability Project. We appreciate your comments and will include them in the project record provided to the Arizona Corporation Commission (ACC).

We'd like to encourage you to visit the project webpage at www.tep.com/midtown where you'll find information on how the Midtown Reliability Project will help to address upgrades that are needed to maintain reliable service in the area.

We hope you continue to stay engaged in the project as details of the project become more defined.

Comment Method: Voicemail/Toll-Free**Comment Date** 2/8/2024**Category****Concerns Topics****Heard About****Issues/Phone Message/Comments**

Hi, I'm calling regarding the meeting tonight at the DoubleTree. I have a question regarding the meeting tonight. Thank you.

Additional Info**Requested Info**

Response sent**Response Notes:**

I did speak with them at the meeting last night. They are from Pie Allen neighborhood and just wanted to set up a time for TEP to meet with their neighborhood. I have their contact information and we're working on scheduling the meeting in early March.

Comment Method: Voicemail/Toll-Free**Comment Date** 2/5/2024**Category****Concerns Topics**Appearance, Location, Support
Underground, Environment**Heard About****Issues/Phone Message/Comments**

Hello. I think that the power line should go underground and it should not go through any neighborhoods or close to the neighborhood. I'm concerned with the Miles neighborhood. They will go right through our area that is used extensively for recreation and habitat for animals which is from the west side of our neighborhood. So hopefully we will not have an eyesore of huge poles going through a neighborhood. Thank you.

Additional Info**Requested Info**

No response required**Response Notes:**

Comment Method: Voicemail/Toll-Free**Comment Date** 1/25/2024**Category****Concerns Topics****Heard About****Issues/Phone Message/Comments**

I would like somebody from the project team to give me a call. I'm a landowner and I am now just getting mail about this project and you guys think you're gonna put something on my land? You're gonna have a problem.

Additional Info**Requested Info**

Response sent**Response Notes:**

They own a couple of homes along Vine Ave. and 10th St. With the scale of the map on the newsletter, they were concerned that TEP was proposing a line down Vine Avenue in this location, which was different than what was proposed before. I assured them that the orange line on the map represented a segment down Highland Ave where TEP has an existing 46kV line. They asked if TEP would be adding any additional routes as a result of the public meeting in February. I assured them that we would not be, but that we are seeking feedback to pare these possibilities back to finalize routes.

They also commented that they felt TEP and the City of Tucson should coordinate more on plans and that an opportunity was missed while Broadway was tore up. They appreciated the call back and had no further concerns.

Comment Method: Voicemail/Toll-Free**Comment Date** 1/25/2024**Category****Concerns Topics****Heard About****Issues/Phone Message/Comments**

Yes, I got your flyer. Look, I'm sorry I can't figure out this map and where Prince is. So, I would like a call back. My address is in Prince Court. If you could call me back, thank you very much.

Additional Info**Requested Info**

Response sent**Response Notes:**

They wanted help reading the map included with the newsletter. They live north of Prince Road and could not find Prince on the map. I explained to them that Prince Road was north of the area included on the project map, but that they were included in the mailing because we wanted to be sure everyone within 1 mile of our study area was aware of the proposed project.

They didn't have any further project related questions.

Comment Method: Voicemail/Toll-Free**Comment Date** 1/24/2024**Category****Concerns Topics**

Health, Safety

Heard About**Issues/Phone Message/Comments**

Hi, I just got the newsletter for the energy grade update in midtown. I don't see any information on health and safety in the newsletter, it's just about engineering. I know you have a public participation thing, I don't know if I'm able to come in person but if you have this somebody that can call me back about why there's no healthy safety information in the newsletter, I appreciate it. Thanks, bye.

Additional Info**Requested Info****Response sent****Response Notes:**

They were concerned with health effects of the substation. I pointed them to the project website where they could find information on Electric and Magnetic Fields. They are concerned that information is biased and paid for by utilities. I explained that I am not an expert on the health effects, but they can read the information and make up their own mind. They wanted to know why health effects were not mentioned in the newsletter. I explained to them that from our perspective the lines and substation are safe and any EMF generated dissipates by the time it reaches the edge of the right-of-way. They thanked me for calling them back.

Comment Method: Voicemail/Toll-Free

Comment Date 1/15/2024

Category**Concerns Topics****Heard About****Issues/Phone Message/Comments**

Hey, I was trying to get a hold of Clark. I'm part of a focus group for some of the neighborhoods for the TEP Midtown Project and I have some questions regarding last week's meeting. Thank you.

Additional Info**Requested Info**

Response sent**Response Notes:**

Thanks for calling to get an update on the Neighborhood Advisory Group meeting last week and learning what you could share with your neighborhood. We'll send out some notes from the meeting today or tomorrow.

Here is a LINK to a presentation posted to the project webpage, a version of which was shared with the Advisory Group, that might be helpful to you and your neighborhood. This includes a summary of the suitability assessment that was conducted resulting in the elimination of many of the previous segments under consideration. The presentation also includes a number of photographic simulations. These simulations all depict the poles as weathering steel, but we plan to do some with different materials so members of the public can compare and contrast and decide for themselves what finish looks better.

Also, on the webpage is an updated Interactive Project Map so you can see in great detail the refined segments that are still under consideration in the siting study.

Please let me know if you have any further questions.

Comment Method: Voicemail/Toll-Free**Comment Date** 11/6/2023**Category****Concerns Topics**

Location

Heard About**Issues/Phone Message/Comments**

I live on West 31st Street. My suggestion would be coming down 36th Street to I-10 and go up I-10 because you're going to Grant. That'd be the easiest way, nobody's complaining about what you guys are doing. I'm quite sure the residents here in South Tucson won't object to that. Adios.

Additional Info**Requested Info**

No response required**Response Notes:**

Comment Method: Voicemail/Toll-Free**Comment Date** 11/4/2023**Category****Concerns Topics****Heard About****Issues/Phone Message/Comments**

Buenos días. Estoy hablando por... necesito información acerca del proyecto que se va llegar power a varios barrios completos. Pero viene en Ingles y me gustaría saber completamente de que se trata esto proyecto, pero en Español. Si fueran tan amables de (inaudible) una llamada con la información por favor (inaudible) agradecer mucho. Muchas gracias, bye bye.

Good morning. I'm calling... I'd like information about the project that will transmit power to various neighborhoods. But it came in English and I'd like to fully understand the project, but in Spanish. If you're able to call with more information I'd appreciate it. Thank you very much, bye bye.

Additional Info**Requested Info****Response sent****Response Notes:**

I gave them a general overview of the MRP – why it's needed and why customer input is needed.

They expressed interest in attending the open house on November 16th at the Doubletree Hotel, I told them Spanish speaking staff will be available to help them.

They are recently retired and do not know how to use the internet much. We also discussed TEP offers Lifeline discount and payment options that may help them.

They also asked about TEP sending marketing materials to offer free solar panels – I told them I am not aware of any marketing of solar panels for TEP.

To please pay attention to flyers and marketing materials and to call Customer Care when they need to check on information like that.

They are sensitive about sharing personal information due to fraud concerns.

Comment Method: Voicemail/Toll-Free**Comment Date** 11/4/2023**Category****Concerns Topics**Cost, Support Underground,
Environment**Heard About****Issues/Phone Message/Comments**

Good afternoon, I see this Midtown Reliability Project and this is a concern for me. I've been to a few places, I've seen things and I'm tired of this. I know the cost is horrendous. I know it's probably out of sight. I want the wires underground. I mean I look out my door, I unfortunately cannot afford to put my wires underground between my house and the pole because of buildings, plants and all sorts of vegetation and the cost that would be but from now on I'd like to see much as possible underground. We have a beautiful valley we live in and I'm tired of wires. Very honestly, very tired of wires. I know this is kind of strange, but I've been to Europe once, all underground. In what we can do, I know of the cost, I know people are going to be upset but I don't want more wires. Thank you, have a good day.

Additional Info**Requested Info**

No response required**Response Notes:**

Comment Method: Voicemail/Toll-Free**Comment Date** 9/21/2023**Category****Concerns Topics****Heard About****Issues/Phone Message/Comments**

Yes, could I get more information about the public hearing electric? Our business is on 17th St. I just want to find out what time it is, where the location is, just general information. Thank you.

Additional Info**Requested Info**

Response sent**Response Notes:**

Left a message that the open house would be held tonight at the Doubletree Hotel at Reid Park on Alvernon just south of Broadway between 6:00-8:00pm.

Comment Method: Voicemail/Toll-Free**Comment Date** 9/18/2023**Category****Concerns Topics**

Location, Support Underground

Heard About**Issues/Phone Message/Comments**

I live just east of the University in the Sam Hughes neighborhood, and I am adamant about power lines on any of the gateways scenic routes of Tucson to be underground. All power lines we'd like to see underground but certainly those on the scenic entries into this community. Also, it's been that people are advocating in the neighborhood, I didn't know that the TEP is in fact a Canadian company and they're only concerned with profits and profits for their shareholders, and they really don't care about the residents of this community. So, I wanted to let you know that that comment is being widely made and those people are raising funds for litigation. Thank you very much for your attention to this voice message.

Additional Info**Requested Info****Response sent****Response Notes:**

I acknowledged that we received their comments and appreciated them. They had no further questions. They were however having difficulties ordering an EV charger on TEP's marketplace and I was able to put them in contact with our team that supports the Marketplace to get that issue resolved.

Comment Method: Voicemail/Toll-Free**Comment Date** 9/14/2023**Category****Concerns Topics****Heard About****Issues/Phone Message/Comments**

I'm a member of the Miles Neighborhood Association and we recently heard that the project has information and presentation about this new scheme that you're trying to do, which seems like it's going back seven years, but our neighborhood association is interested in hearing the presentation or what the heck's going on and we have a meeting in mid to late October.

Additional Info

We are the Miles Neighborhood Association and we wonder if you could give us the informational presentation about the Midtown reliability project at our upcoming meeting on the evening of October 19.

Thanks. We know of the public meeting next week, but look forward to a more-direct explanation and ability to ask questions.

Requested Info

Response sent**Response Notes:**

Set up a meeting on October 19th at 6:00pm with the Miles Neighborhood Association.

Comment Method: Voicemail/Toll-Free**Comment Date** 9/11/2023**Category****Concerns Topics**

Renewable Energy

Heard About**Issues/Phone Message/Comments**

I got this pamphlet from you about this project that's going on and it states that you are changing to an additional use of a clean energy source. Does that mean you're going to be putting in things for electric cars and crap like that based on this phony junk science called climate change? Because it is junk science. I want to know what the extreme weather conditions are. That's another part of your propaganda, the propaganda that news, the propaganda people because they're not news, is putting out. What extreme heat? What extreme weather? We're not having any. It's normal, natural functioning of mother earth. So, I want to know what clean energy resources you're putting in it because if it's electric cars, that's garbage. I wouldn't own one of those pieces of junk and I want you to explain what extreme weather conditions. If you take core samples from the south pole, you'll find out there's been all kinds of extreme weather changes and man wasn't even on the earth then. It's natural function. Thanks for letting me vent.

Additional Info**Requested Info****Response sent****Response Notes:**

Their primary question was if we were going to be putting in a bunch of electric vehicle charging stations as part of the MRP project. I explained to them that was not part of the scope of this project. They then asked if we would be changing meters or anything to the homes? I shared with them that we don't plan to, but depending on where the ultimate route for the transmission line goes, there may be areas where we would need to change a service from overhead to underground which would require a little work at homes/businesses, but that at this point in the project we don't know where the line will go, so its premature to speculate on any of that.

Comment Method: Voicemail/Toll-Free

Comment Date 9/6/2023

Category

Concerns Topics

Heard About

Issues/Phone Message/Comments

I live in Midtown. I wanted to ask that the panel to be held at the DoubleTree will have a Zoom link. I don't know if you know this, but COVID is on the rise and we have a lot of senior citizens, including myself, who live in Midtown and so I ask you to send out an e-mail with a Zoom link so that we can be included, too. Thank you.

Additional Info

Requested Info

Response sent

Response Notes:

Left voicemail acknowledging the suggestion for a Zoom link and committing to look into it.

Comment Method: Voicemail/Toll-Free**Comment Date** 9/6/2023**Category****Concerns Topics****Heard About****Issues/Phone Message/Comments**

I am calling about the project for Midtown. This is for Tucson Electric Power upgrading the Midtown area. I would just like to know, would you also be upgrading old homes, like water heater and electric box? I just want to know what you guys are doing within that area. Thank you.

Additional Info**Requested Info****Response sent****Response Notes:**

They had a question on what we defined as Midtown, which I was able to explain as roughly the boundaries of the project study area. They had a question of what infrastructure we were upgrading, if it was streets, etc. I explained that it was TEP's electrical infrastructure. They wanted to know if that included upgrades of things like her electrical panel and water heater. I explained where the line was drawn between the customer's responsibility and TEP's and that those things were the customer's responsibility. They shared that they were concerned with the height of the overhead service connection to their home which I also explained to them was a customer responsibility.

Comment Method: Voicemail/Toll-Free**Comment Date** 9/3/2023**Category****Concerns Topics**

Renewable Energy

Heard About**Issues/Phone Message/Comments**

It seems that Tucson Electric Power wants to see lower credit for consumers putting in solar energy. What if we put solar panels around the University and all the parking structures to provide their own electricity? Isn't that what we want, is more power and less cost? Please consider this.

Additional Info**Requested Info****Response sent****Response Notes:**

They were confused about the study area boundary and why it didn't follow street boundaries but cut through neighborhoods. I explained this was because we wanted to make it clear that the adjacent major street was included in the study area. We discussed how the electrical distribution transmission system and distribution system works and the limitations on the system today. We discussed how those limitations will be solved through the Midtown Reliability Project allowing expanded used of solar panels throughout the study area.

Comment Method: Voicemail/Toll-Free

Comment Date 4/30/2024

Category

Concerns Topics

Support Underground

Heard About

Issues/Phone Message/Comments

I am adamantly proposed to ruining our neighborhoods with industrial poles going through the residential portions of the city. Other cities that are destination resorts do not do that.

I urge you to examine the work of the Underground Coalition who have demonstrated that undergrounding is not an outrageous expense.

<https://undergroundarizona.org/what-does-it-cost-8>

Additional Info

Requested Info

Response sent

Response Notes:

Thank you for your feedback regarding TEP's proposed Midtown Reliability Project. We appreciate your comments and will include them in the project record provided to the Arizona Corporation Commission (ACC).

We have noted the routing preference provided and will take that into consideration as we begin to evaluate these route alternatives with respect to evaluation criteria informed by public comment.

TEP, the City, and others put a lot of time and effort into exploring a path to finance the additional costs to underground a portion of this transmission line. With the defeat of Proposition 412 last year, those efforts came to a stop.

The ACC has stated (Decision 79140) that incurring the additional costs to underground a transmission line for purposes other than safety and reliability is inappropriate. As a result of the defeat of Prop 412 and the ACC's policy, TEP is not considering an underground transmission line. Instead, we've started fresh with a new overhead line siting process to identify the least obtrusive route possible.

We hope you continue to stay engaged in the project as details of the project become more defined. You'll be able to find all the latest information on the project webpage at www.tep.com/midtown.

Comment Method: Email

Comment Date 4/28/2024

Category

Concerns Topics

Heard About

Issues/Phone Message/Comments

Please include this letter in the public comments regarding TEP's Midtown Reliability Project

Additional Info

Requested Info

Response sent

Response Notes:

Would you be able to send the document as a PDF? I'm unable to view the .pages attachment through any format. If you could please resend, I will add the comments to the record.

Thank you!

Comment Method: Email**Comment Date** 4/18/2024**Category****Concerns Topics****Heard About****Issues/Phone Message/Comments**

What is the diameter of the poles? I just don't see how you can fit poles down N Stone Ave and maintain compliance. The buildings but up against the sidewalks. Are you planning to put the pole against the building? Are you going to take out a lane to extend the sidewalk. I doesn't seem like a feasible route to me and would have a significant impact on the local businesses.

Additional Info**Requested Info****Response sent****Response Notes:**

The typical pole diameter is between 2-3 feet at the base, but can be larger when the line changes direction. In locations where buildings are very close to the roadway, like the example you've shown in the aerial image, the line would span these with poles located in less narrow areas on either side and in some cases would require the line bounce from one side of the street to the other.

I appreciate you voicing your concerns and acknowledge this is a challenging route, but feasible.

Regardless of what route is ultimately selected, TEP would work with local businesses and residents to minimize impacts.

Comment Method: Email**Comment Date** 4/17/2024**Category****Concerns Topics****Heard About****Issues/Phone Message/Comments**

Thank you Clark for addressing all of my thoughts and comments. I will look forward to being present for the hearing in July. Will you let me know when that is as soon as you hear? I will mark it on my calendar!

I would love to hear the arguments for the rust colored poles and hope to meet those people at this meeting expressing their views and reasoning.

As always, your voice of calm and reason are most appreciated on this most contentious and heartfelt issue.

Additional Info**Requested Info****Response sent****Response Notes:**

The ACC hearing is tentatively scheduled for July 8th through the 19th. This information was shared at the last public open house on March 28th and a postcard will be mailed when the application has been filed and the dates are confirmed.

Please let me know if there is anything else we can help with.

Comment Method: Email

Comment Date 4/17/2024

Category**Concerns Topics****Heard About****Issues/Phone Message/Comments**

Thank you for your response. I represent 2208 N Stone Ave, LLC with offices at 11701 Bee Caves Rd, ste 215, Austin, TX 78738 that owns the property at 2200 and 2208 N Stone Ave, Tucson, AZ 85705. A tenant, TireUp LLC, operates the property.

My additional concern is the impact to ADA compliance of the sidewalks along N Stone Ave if Alternative Route C or Alternative Route 6 were selected given that the sidewalks are narrow and congested.

Additional Info**Requested Info****Response sent****Response Notes:**

I'm going to jump in on this one. While its possible that a sidewalk may need to be moved in order to accommodate a specific pole location, TEP is committed to ensuring that if that is the case, a fully compliant ADA sidewalk connection would be installed as part of our work.

Please don't hesitate to reach out with further questions.

Comment Method: Email**Comment Date** 4/11/2024**Category****Concerns Topics**

Appearance

Heard About**Issues/Phone Message/Comments**

Thank you for the links Clark. They illustrate more than ever the need for the use of galvanized poles over the rust ones. They also show the dramatic impact that I am already seeing on our streets currently with the continued replacement of poles currently happening. To say the least, the number of poles replacing existing poles is nearly double what is there now!

I appreciate your time in getting this information to me. Now I need to know who I need to contact concerning the materials being considered for use or what I need to do to change the course of using these rust poles. I have been accruing photos to illustrate my case but I also think that my case would be easier illustrated by changing these existing renderings to show galvanized poles instead of the rust. Please put me in touch with the person who will be deciding the materials. The change might even help the perception the public has of these upcoming drastic and defacing additions to our streets and neighborhoods.

Additional Info**Requested Info****Response sent****Response Notes:**

Good morning. You've made it very clear what your preference is for a pole material finish. We'll include all of your communications in the project record which will be submitted with our application to the Corporation Commission. Once we file the application for a Certificate of Environmental Compatibility (CEC) an official docket will be opened where you can file further comment, direct to the ACC, if you wish and include the collection of photos you have. In addition, you can provide public comment at the line siting hearing that is expected to be in July.

All of these comments will influence the recommendation of the AZ Power Plant and Transmission Line Siting Committee, and ultimately the decision of the Corporation Commission who will authorize the construction of the line with a specified material finish.

As I mentioned before. While you have a strong preference against use of weathering steel, I have heard similar strong preference exactly opposite of yours for the use of weathering steel. Because the preference for pole finishes is so distinct and often a result of different settings, backdrops, and yes, personal preference. As a company, rather than propose a one size fits all solution, we will proposed flexibility in the CEC on pole finish that allows us to work with each neighborhood through which the line route passes to determine what finish works best for them and their neighborhood.

I appreciate you continued involvement and thoughts.

Comment Method: Email**Comment Date** 4/10/2024**Category****Concerns Topics****Heard About****Issues/Phone Message/Comments**

Has this been considered here at TEP?

Explore this gift article from The New York Times. You can read it for free without a subscription.

The U.S. Urgently Needs a Bigger Grid. Here's a Fast Solution.

A rarely used technique to upgrade old power lines could play a big role in fixing one of the largest obstacles facing clean energy, two reports found.

https://www.nytimes.com/2024/04/09/climate/electric-grid-more-power.html?unlocked_article_code=1.jU0.wDX7.R3MzcbPWOGCq&smid=em-share

Additional Info**Requested Info****Response sent****Response Notes:**

Thanks for reaching out. Yes, these advanced conductors are something that TEP is considering using on several projects in order to increase line ratings on existing transmission lines. One difference on this project, apart from the need for capacity increases to the area, is the need to address aging equipment. That includes the wood poles that support the existing 46kV lines. So even if TEP were to reconductor with an advanced conductor, the existing structures would still need to be replaced. That said, we are looking to see if by using one of these advanced conductors, which do not sag as much when the line is heavily loaded, could result in the use of shorter structures while still maintaining longer spans in between structures.

I hope you continue to stay engaged with the project.

Comment Method: Email**Comment Date** 4/9/2024**Category****Concerns Topics****Heard About****Issues/Phone Message/Comments**

What schools are adjacent to the existing 138kv transmission lines that are associated with the Tucson substation?

I am wanting to see them and take pictures to share with the communities for the 3 schools Miles, Ha: San, Mansfeld) adjacent to the proposed Route 3 between Broadway and 7th Street. Highland Free school is a little less than a block away from the proposed Route at 16th and Highland.

Additional Info**Requested Info****Response sent****Response Notes:**

Thanks for reaching out. I'm happy to provide the information requested. When you say Tucson Substation, I assume you mean TEP's substation of that name located at the intersection of 11th Avenue and 4th Street. There are several lines that come into that substation, but I'll list the schools with lines immediately adjacent. I got my information on schools from the City of Tucson GIS database and I have not field verified these.

DeMoss Petrie-Tucson 138kV Line

DAVIS BILINGUAL ELEMENTARY MAGNET SCHOOL (500 W SAINT MARYS RD)

Tucson-Irvington 138kV line

DAVIS BILINGUAL ELEMENTARY MAGNET SCHOOL (500 W SAINT MARYS RD)

ARIZONA STATE UNIVERSITY SCHOOL OF SOCIAL WORK (340 N COMMERCE PARK LP)

CARRINGTON COLLEGE (201 N BONITA AV., Ste 101)

LA PALOMA ACADEMY-SOUTH CAMPUS (5660 S 12TH AV)

DREXEL ELEMENTARY SCHOOL (801 E DREXEL RD)

OCOTILLO LEARNING CENTER (5702 S CAMPBELL AV)

Del Cerro-Tucson 138kV Line

DAVIS BILINGUAL ELEMENTARY MAGNET SCHOOL (500 W SAINT MARYS RD)

Please let me know if you need anything else.

Comment Method: Email

Comment Method: Email**Comment Date** 4/6/2024**Category****Concerns Topics**Cost, Location, Property Value,
Support Underground, Substation**Heard About****Issues/Phone Message/Comments**

My husband and I bought our house on the northwest corner of Vine and Seneca in 2009 and turned into our forever home. We never thought we would consider moving. The TEP Midtown Reliability project has made us reconsidering staying in our forever home.

Overhead transmission lines of this height and circumference should never be put in any residential neighborhood. It does not matter if the neighborhood is low income or not, a disadvantaged community or not, a historic district or not, primarily rentals or owner-occupied homes. NEVER!

Cost should not be an issue. The costs to underground transmission lines will always be lower than the loss of property values that homeowners will suffer as homes are generally a person's largest asset.

None of the proposed routes from the proposed Vine substation to DeMoss-Petrie should be considered as they will go through some residential neighborhoods. If the proposed Vine substation is not moved, all overhead transmission lines should go south down Vine through the University of Arizona to Speedway or east to Cherry and south to Speedway. Length of a proposed route should not impact the route chosen.

Although we believe that TEP should comply with the University Area Plan, the Major Streets and Routes Plan and all City, State and Federal rules and regulations, overhead transmission lines should not go through ANY residential neighborhoods and are more appropriate on major streets and routes, in industrial and commercial areas, or on the University of Arizona, and Banner properties.

TEP shareholders and owners would never allow poles of this magnitude in their neighborhoods so they should NOT allow them in anyone's neighborhoods. TEP should financially subsidize the cost of undergrounding lines through all residential neighborhoods. The company's shareholders and owners are reaping the rewards of lucrative profits from their investment in TEP.

Additional Info**Requested Info****Response sent****Response Notes:**

Thank you for your feedback regarding TEP's proposed Midtown Reliability Project. We appreciate your comments and will include them in the project record provided to the Arizona Corporation Commission (ACC).

We have noted the routing preference provided and will take that into consideration as we begin to evaluate these route alternatives with respect to evaluation criteria informed by public comment.

TEP, the City, and others put a lot of time and effort into exploring a path to finance the additional costs to underground a portion of this transmission line. With the defeat of Proposition 412 last year, those efforts came to a stop.

Comment Method: Email

The ACC has stated (Decision 79140) that incurring the additional costs to underground a transmission line for purposes other than safety and reliability is inappropriate. As a result of the defeat of Prop 412 and the ACC's policy, TEP is not considering an underground transmission line. Instead, we've started fresh with a new overhead line siting process to identify the least obtrusive route possible.

TEP conducted a very thorough review of alternative substation sites before purchasing the site on Vine Avenue. After an exhaustive search, followed by reaching out to property owners, the Vine location was the only site within the "load center" that was of a sufficient size and was available to purchase. In the past year, TEP conducted another search to see if any new properties had become available within the "load center" that would be suitable. Ultimately, the Vine location was deemed the only viable site.

We hope you continue to stay engaged in the project as details of the project become more defined. You'll be able to find all the latest information on the project webpage at www.tep.com/midtown.

Comment Method: Email

Comment Method: Email**Comment Date** 4/3/2024**Category****Concerns Topics**Appearance, Location, Historic,
Environment**Heard About****Issues/Phone Message/Comments**

I'd like to provide some feedback here, please.

I also appreciate all of the opportunities TEP is providing for feedback and public comments, especially those working and residing in impacted neighborhoods.

Positives:

DeMoss-Petrie and Vine

- Grant Ave
- Speedway Blvd
- Euclid
- Oracle/AZ-77

Kino and Vine

- South Campbell Ave/Martin
- Barraza-Aviation Parkway
- Euclid*
- Speedway Blvd
- 36th Street
- Oracle/AZ-77

Concerns:

DeMoss-Petrie and Vine

- Campbell due to proximity to residential properties, proximity to historic properties and districts, impacts on views and total environment (especially of the University)
- Some concern of impacts to low income neighborhoods in the Grant/Speedway and Oracle/AZ-77 areas.

Kino and Vine

- Campbell due to proximity to residential properties, proximity to historic properties and districts, impacts on views and total environment (especially of the University)
- 6th/Euclid Area due to proximity to University
- Plummer/Broadway, Plummer/Tucson, through the Tucson/6th/Speedway Himmel Park area due to proximity to residential properties and parks, proximity to historic properties and districts, impacts on views, impacts on the total environment (especially local retail i.e. Sam Hughes Shopping/Floras Market, possible new high-end grocery store at Plumer and Broadway, Sunshine Mile retail renovations), very narrow streets to begin with already.
- Some concern of impacts to low income neighborhoods in the Speedway, Oracle/AZ-77, and South Campbell Ave areas.

Comment Method: Email

Please let me know if you have any questions.

Additional Info**Requested Info**

Response sent**Response Notes:**

Thank you for your feedback regarding TEP's proposed Midtown Reliability Project. We appreciate your comments and will include them in the project record provided to the Arizona Corporation Commission (ACC).

We have noted the specific routing preference provided and will take that into consideration as we begin to evaluate these route alternatives with respect to evaluation criteria informed by public comment.

We hope you continue to stay engaged in the project as details of the project become more defined. You'll be able to find all the latest information on the project webpage at www.tep.com/midtown.

Comment Method: Email**Comment Date** 4/1/2024**Category****Concerns Topics**Location, Support Underground,
Historic**Heard About****Issues/Phone Message/Comments**

I firmly request that TEP follow the guidelines of the City Ordinance that oppose overhead lines on scenic byways (Campbell Avenue). Honor the UA Area Plan by not placing overhead lines in the UA area plan. Further do not place overhead lines in or near residences and honor historic neighborhoods.

Additional Info**Requested Info**

No response required**Response Notes:**

Responded to 3/31/2024 comment

Comment Method: Email

Comment Method: Email**Comment Date** 3/31/2024**Category****Concerns Topics****Heard About****Issues/Phone Message/Comments**

I live in the area affected by the proposed Midtown Reliability Project and would like to suggest an alternative approach to accomplish the project's goals. If advanced ACCC (Aluminum Conductor Composite Core) cables were used to replace existing ACSR (Aluminum Conductor Steel Reinforced) cables, then it might be possible to avoid new power transmission infrastructure.

For background, there are two manufacturers of ACCC cable (referred to as "A triple C" in the trades) - CTC Global and 3M. CTC states that ACCC has twice the capacity of ACSR. I assume that they mean ACCC has twice the ampacity for an equivalent size ACSR conductor at an equal given transmission voltage. This would mean that an existing ACSR cable could be replaced with an ACCC cable of 1/2 the size to transmit the same power. Or, an ACCC cable of the same size as the ACSR cable it replaced could transmit twice the power.

ACCC cable has been used by other power companies to transmit more power without installing new transmission infrastructure. Replacing one existing conductor with two ACCC conductors of the same size would allow the second conductor to provide power to the new substation. Or, replacing an existing conductor with the same size ACCC conductors would mean that additional capacity would be available for power delivery to the new substation. If the new ACCC conductors remained at 46 kv, then 3 of those conductors could be connected at the new substation and stepped up to 138 kv. This configuration would not put any additional weight on existing power poles (ACCC is actually 10-20% lighter than equivalent ACSR.) I don't know if 138 kv power must be transmitted on high pylons, which is why I mention 46 kv transmission with step up 138 kv at the sub station.

Please review the videos below to get more technical information. It appears that Nevada Energy and American Electric Power have been using ACCC long enough to have confidence in its capabilities, especially for avoiding new infrastructure. This process is being described as "reconductoring." The price of ACCC is 3X that of ACSR but I suspect that it would be cheaper and faster than a new power transmission infrastructure project.

<https://www.youtube.com/watch?v=5545T-Kb4AI>

<https://ctcglobal.com/>

Additional Info**Requested Info****Response sent****Response Notes:**

Thank you for sharing your thoughts. I am familiar with ACCC conductor and TEP is considering its use on several projects in order to increase line ratings on existing transmission lines. I don't want to dismiss any idea out of hand, but apart from the need for capacity increases to the area, the Midtown Reliability Project is also needed to address aging equipment. That includes the wood poles that support the existing 46kV lines. So even if TEP were to reconductor with ACCC, the existing structures would still need to be replaced and the 46kV standard replacement pole is the same as the standard 138kV pole.

Comment Method: Email

I'll pass your thoughts along to both our transmission planning engineers and our civil engineers to get their thoughts.

Comment Method: Email**Comment Date** 3/30/2024**Category****Concerns Topics****Heard About****Issues/Phone Message/Comments**

Here's what's being kicked around now - I suspect your team will be hearing it soon if they haven't already:

I am suggesting the use of ACCC (Aluminum Conductor Composite Core) instead of traditional ACSR (Aluminum Conductor Steel Reinforced)) power cables. The manufacturer of ACCC lists "Double the capacity of existing transmission lines without structural modifications to deliver more power." as their chief advantage. All options for power transmission lines use bundled aluminum wires but the center "core" of the cable is the difference. Traditional ACSR cables use a steel core for reinforcement of the cable, while newer ACCC cables (called "A triple C" in the trades) uses a composite core. I will send off a more detailed email to the project manager to see if we can get a response on using this ACCC cable as an alternative to tall pylons. ACCC costs about 3X as much as ACSR cable, but I doubt that it would approach the cost of the proposed new infrastructure. This may be completely inappropriate for the application considered in this project, but since other power companies are using this approach (Nevada Energy, American Electric Power) I think TEP should seriously research this option before dismissing it.

Additional Info**Requested Info**

No response required**Response Notes:**

Comment Method: Email

Comment Date 3/29/2024

Category

Concerns Topics

Heard About

Issues/Phone Message/Comments

Yes, definitely Park, not Mountain. Sorry & thanks.

Additional Info

Requested Info

Response sent

Response Notes:

I followed up with the project manager responsible for the work on Grant Road. The City has never made mention of a need to place infrastructure underground due to the University Area Plan, or any other reason.

Comment Method: Email

Comment Date 3/29/2024

Category**Concerns Topics****Heard About****Issues/Phone Message/Comments**

Oh dear Clark, I didn't realize there was another TEP Open House this week!

My husband didn't know anything about it either, but perhaps that information was in the folder you provided each member of the committee at that last meeting. I would have loved to have seen the comparison of pole finishes presented this week. (I have taken a number of additional photos of comparisons to present when a forum is created again.)

Considering the number of poles that would have been in place in 2002 and today are vastly different I do question a decision made at that time reflecting what we are now aware of as a result of their decision.

I am happy to make a presentation before the board when the time comes for a decision. I do not think the poles that were put up in my neighborhood down Tucson Blvd were and along Ft. Lowell were ever presented to those neighborhoods before placement. We were never notified, though there was a small survey floated to a couple neighbors asking if they liked wood or metal poles. That is hardly a representation of a neighborhood and I never got that survey as a TEP client. It makes me feel that the public is NOT consulted on those public roads which affect all of us on a daily basis. They are not considered Gateway Corridors so the question of burying lines along them could never be debated. Thank goodness we do have several roads that are designated thusly and have been protected so far.

Thank you kindly for your answers to my questions. A 20 year old decision that affects the quality of life of every resident in this city needs to be revisited. I am happy to help where I can.

Thanks again for responding and your help.

Additional Info**Requested Info****Response sent****Response Notes:**

I'm sorry you missed last week's open house.

All the materials we shared can be viewed on the project webpage at www.tep.com/midtown. More specifically, the visual simulations of different material types are posted there as well. You can find the visual simulations directly, by following this link. Note, not all the visual simulations show different finish types, but a number do so that you can compare and contrast.

Let me know if I can provide anything else, or if you have further input.

Comment Method: Email**Comment Date** 3/29/2024**Category****Concerns Topics****Heard About****Issues/Phone Message/Comments**

Thank you for clarifying last night at the Open House that the proposed Route 3 was inaccurate on the interactive map on the TEP Midtown Reliability website. Your last email stated that the proposed route would go from Highland to 7th street west to Euclid, however I was notifying the neighbors on 8th street and Santa Rita personally, plus the RHNA via email, of the proposed route based on the maps published by TEP.

That being said, I will communicate the correction and share the feedback that was mentioned last night as a continued option for community input. How long will TEP and the Line Siting Committee be accepting feedback through this link?

Thank you for your time and outreach to the community on these possible routes.

Additional Info**Requested Info****Response sent****Response Notes:**

I saw you at the open house, but wasn't able to say hi. Thank you for coming out and for all the time you've dedicated to finding a routing solution for this project. I sincerely apologize for creating conflicting materials/messaging on the specific route. We'll get that corrected on the webpage. As that small change is in your neighborhood, I really appreciate your help in communicating that correction. I know it's a small change on paper, but a potentially major change for those affected in the neighborhood. The reason for the change was simply to straighten the line out, avoiding the need for more poles, especially more of the larger 90 degree turning structures.

TEP will continue to accept feedback that will be included in our application through about middle of May, when we'll print and file our application. That said, we'll continue to accept feedback after that and can file it as an addendum. Further, once the application is filed with the Arizona Corporation Commission, a docket will be created and comments can be filed directly.

Any feedback to influence TEP's selection of a preferred route would be appreciated ASAP (by end of next week).

Comment Method: Email

Comment Date 3/29/2024

Category

Concerns Topics

Heard About

Issues/Phone Message/Comments

Ok, thanks. The poles on Mountain are part of the same line, it just turns south for three poles south of grant. Thanks. Hope the open house went well.

Additional Info

Requested Info

Response sent

Response Notes:

Could you possibly be talking about Park, as opposed to Mountain? The 46kV line continues down Park, but we don't have a 46kV or distribution line down Mountain. The first pole south of Grant on Park was installed September 2016. The next two were installed March 2020.

Comment Method: Email

Comment Date 3/28/2024

Category**Concerns Topics****Heard About****Issues/Phone Message/Comments**

Unfortunately I am ill and will not be able to attend tonight. I have provided my input on the survey. I look forward to hearing what routes are chosen and the mitigations TEP will take to minimize the impact on the neighborhoods and the city. Will you be providing updates to the group going forward?

Thanks Clark. You have been a pleasure to work with and I know this process is hard and will continue to be so.

Additional Info**Requested Info**

Response sent**Response Notes:**

I hope you're feeling better now. Thank you for submitting your input on the survey form. I plan to keep the Group.io chat open through the middle of April, but then will shut it down so that we can incorporate those thoughts into the CEC Application. That said, I would be happy to provide email updates to the Neighborhood Advisory Group if that would be of interest/helpful.

I'll reciprocate your statement. It has been a pleasure to work with you too. I really appreciate your perspective and thoughts, they have had an impact on the process.

Comment Method: Email**Comment Date** 3/28/2024**Category****Concerns Topics****Heard About****Issues/Phone Message/Comments**

A few questions regarding the 16 power poles that are on the south side of Grant Rd, between Stone Ave. and Mountain Ave., and then the 3 on the east side of Mountain, south of Grant. They are recent additions to the streetscape, but are within the boundaries covered by the University Area Plan. When was the CEC for these poles issued? Was there a line siting committee hearing for these? If so, when, and was there a special zoning examiner decision related to this utility line and the UAP, stating why the lines were not required to be underground "where possible"?

Additional Info**Requested Info****Response sent****Response Notes:**

Thanks for the questions. Sorry for the slow response, yesterday was a bit busy getting everything in order for the project open house.

The poles on the south side of Grant between Stone and Mountain were mostly installed in September 2016, with a few in March 2019.

For the poles east of Mountain and south of Grant, you'll have to give me some more specifics on there exact location.

No CEC was issued for these poles. They are 46kV poles, so while they look the same as the 138kV poles, a CEC is not required to construct them. To the best of my knowledge there was never a review nor decision by the Zoning Examiner prior to the placement of these poles. But I'll need to follow-up with the Project Manager to confirm.

Comment Method: Email

Comment Date 3/25/2024

Category

Concerns Topics

Heard About

Issues/Phone Message/Comments

Will there be a zoom link for the public open house scheduled for March 28, 2024 at 7:00 p.m. for this project?

If so, could I please have someone send it to me or will it be posted to your website the day before?

Additional Info

Requested Info

Response sent

Response Notes:

The public open house will not be streamed via Zoom, but all materials presented and discussed will be posted to the project website soon after.

Please let me know if you have any further questions.

Comment Method: Email

Comment Method: Email**Comment Date** 3/24/2024**Category****Concerns Topics**

Appearance

Heard About**Issues/Phone Message/Comments**

Thank you so much for taking the time to look into this issue. Your explanation and information were appreciated and read with much care. No apologies were necessary as to the length of time getting back to me. I have witnessed how much time you have spent each evening you have met with neighborhood representatives and know that you have a regular work week that must be quite extensive as well.

As pole color decisions were made 22 years ago, when changing from wood to metal, I wonder about the composition of the TEP committee assembled to discuss the changes at that time, before the wooden poles began to be replaced. I don't know if the committee was local, based in Arizona, or at a corporate location so cannot evaluate why they made the decision for weathering steel (more appropriate for use in Canada or environments other than deserts).

Having witnessed the replaced poles here in Tucson, as they become more and more numerous, I am struck by how distractingly visible they are. That heavy rust color looks nothing like a wooden pole color and doesn't begin to blend in with our pale, desert landscape. I feel that whatever decision was made 22 years ago should be revised for our present environment and, in particular, our Tucson location.

I completely refute the validity of the first two of the four conditions that you listed.

- Aesthetics of galvanized vs. weathering steel – initially installed as replacement poles in line with wood poles. The weathering steel blended better than the galvanized poles. (it does NOT, at least not in Tucson)
- Maintenance – painted poles and galvanized poles (when damaged) require some level of maintenance. Weathering steel requires none and provides excellent protection against corrosion. (The weathering steel poles that I have seen almost always have a painted bottom 6 feet of orange for some reason, poorly attempting to match the pole color, meaning that they DO require maintenance)

Aesthetics may have been part of the original consideration but that was 22 years ago, and I would like to know who was on the committee to evaluate this decision, what criteria, studies or proof was provided and qualification did the person presenting this information have. Has TEP re-evaluated this decision recently or based their decision on input from the community? Are the poles already purchased based on this 2002 decision that is now defacing our neighborhoods and traffic corridors? (I say that angrily because aesthetics are important in the long run and I don't believe that aesthetics are an honest consideration for TEP.)

I am not holding you responsible for corporate decision making on the part of TEP because I realize that you are just the liaison between the neighborhoods and TEP, and I am grateful for your calm voice and spirit in the face of difficult decisions. If nothing else, I am just hoping for a bit of humanity and honesty in telling this city what it is really going to look like when all is said and done. It is heartbreaking to me to see the defacement of roads and neighborhoods where these necessary but overpowering and over scaled poles will soon be fencing us in, and until it is done, no one will recognize or realize what that awful feeling when in their presence is caused by. The galvanized poles would make the effect less egregious and overwhelming. How can I make them the choice for your upcoming projects?

Additional Info**Requested Info**

Comment Method: Email

Response sent**Response Notes:**

To answer your question about the composition of the committee in 2002 who made the recommendation to use the weathering steel poles. This was a local decision made based on the recommendation of a cross section of TEP employees following thorough research. TEP was not purchased by Fortis until 2014, 12 years after this decision was made.

I will pass along your sentiment, and rationale, that TEP reconsider the decision to use weathering steel as the standard for poles.

Once a final route for the transmission line has been approved, TEP is committed to work with any neighborhood through which the route passes, to determine the pole finish for their neighborhood. This commitment is in response to comments like yours and others with differing opinions on what looks best. So rather than a one size fits all solution, we'll work with those most affected on the solution that works best for them.

Also, at our public open house later this week, we'll have photo simulations which show the proposed line with three different pole finishes, weathering steel, galvanized, and painted steel. We hope this will help you, others, and even to TEP to get a better sense of what the poles will look like and determine which pole finish will be most suitable.

Comment Method: Email

Comment Date 3/20/2024

Category

Concerns Topics

Heard About

Issues/Phone Message/Comments

The ACC says that TEP is supposed to be hosting old hearing transcripts for the public but the Irvington-to-Kino website was taken down: <https://www.tep.com/irvington-to-kino/>

Can you link me to the transcripts or have whoever handles this email them to me please?

They're not in the ACC docket because the utility hosts them. It's an odd arrangement as the docket would be much simpler and more efficient for everyone.

Additional Info

Requested Info

Response sent

Response Notes:

We only maintain those project webpages, which include the transcripts while the CEC is active. Once a project is constructed and in-service, we take the project page.

That said, the transcripts are public record and available from the ACC through docket L-00000C-18-0103-00178, by request. That said, I'm more than happy to provide the transcripts so you don't have to go through that process. Please see attached the transcripts from each of the 3 days of hearing on the project.

Comment Method: Email**Comment Date** 3/18/2024**Category****Concerns Topics**

Appearance, Support Underground

Heard About**Issues/Phone Message/Comments**

This need for more power is because of the University's Tech Site south of town. The University and TEP need to BURY these lines. There is no reason the public should have more huge poles disrupting the views of Tucson. This is not to increase the reliability for midtown residents, unless just supplying so much power to the tech site decreases our power.

Additional Info**Requested Info****Response sent****Response Notes:**

Thank you for your feedback regarding TEP's proposed Midtown Reliability Project. We appreciate your comments and will include them in the project record provided to the Arizona Corporation Commission (ACC).

TEP, the City, and others put a lot of time and effort into exploring a path to finance the additional costs to underground a portion of this transmission line. With the defeat of Proposition 412 earlier this year, those efforts came to a stop.

The ACC has stated (Decision 79140) that incurring the additional costs to underground a transmission line for purposes other than safety and reliability is inappropriate. As a result of the defeat of Prop 412 and the ACC's policy, TEP is not considering an underground transmission line. Instead, we've started fresh with a new overhead line siting process to identify the least obtrusive route possible.

We'd like to encourage you to visit the project webpage at www.tep.com/midtown where you'll find additional information on how the Midtown Reliability Project will help to address reliability in the area. In addition, we'll be holding a public open house on March 28th from 6:00-8:00pm at the Doubletree Reid Park. We hope you can join us and we can further discuss the need for, and benefits of the project. We hope you continue to stay engaged in the project as details of the project become more defined.

Comment Method: Email**Comment Date** 3/18/2024**Category****Concerns Topics**

Location

Heard About**Issues/Phone Message/Comments**

I favor using the Grant Road Corridor all the way to the east because it follows a major east-west street corridor that already has transmission lines along it.

I do not favor what looks like the Stone Avenue Corridor going to the south from Grant Ave. There are currently no large transmission lines along this route and it would impact the Stone Ave. improvement project that is slated to begin soon.

Additional Info**Requested Info****Response sent****Response Notes:**

Thank you for your feedback regarding TEP's proposed Midtown Reliability Project. We appreciate your comments and will include them in the project record provided to the Arizona Corporation Commission (ACC).

We have noted the specific routing preference provided and will take that into consideration as we begin to evaluate these route alternatives with respect to evaluation criteria informed by public comment.

We hope you continue to stay engaged in the project as details of the project become more defined. You'll be able to find all the latest information on the project webpage at www.tep.com/midtown.

Comment Method: Email

Comment Method: Email

Comment Date 3/18/2024

Category**Concerns Topics****Heard About****Issues/Phone Message/Comments**

I completely forgot about the last meeting for the TEP Advisory group on the 29th. I apologize for not being there. I will be at the next open house on the 28th. When is the next advisory meeting?

Thank you for the email with the link to the form for feedback.

I do have a question for you if you could answer for me. Why was the option of a possible route on Aviation/ along the railroad eliminated?

I appreciate your time.

Additional Info**Requested Info****Response sent****Response Notes:**

Sorry about the slow response. I took a couple of days off and have been trying to catch up ever since. We did miss you at the last advisory group meeting. One thing that I'd like to make sure you are aware of, that was discussed at the meeting, as it affects your neighborhood. Our plan had always been to use the alleyway between 6th and 7th Streets, rebuilding in place of the existing 46kV line if that section were used as part of the approved route. As we've moved into identifying route alternatives and done some preliminary engineering, it was found that the buildings that have been constructed since the 46kV line are so close that we cannot safely build and operate the 138kV line through the alleyway. As a result, Alternative Route 3 shifted this section just south to 7th Street. This is a minor change on paper, but potentially significant to anyone along 7th Street. To make sure all affected are aware, we plan to leave door hangers notifying of this specific change on Wednesday of next week. If you'd like us to speak with your neighborhood directly about this, we would be happy to do so.

To answer your question in short. The segments along Aviation, between Campbell and Euclid, were eliminated following the Compatibility Analysis because there were one or more routes that accomplished the same east/west objective with less compatibility concerns.

To answer with a little more detail, as part of the compatibility analysis, subject matter experts evaluated each refined segment for the following:

1. Impact on low-income and/or disadvantaged communities.
2. Cost of transmission line construction, including relocation/undergrounding of distribution lines.
3. Sensitive plant and wildlife species and/or habitat within the transmission line corridor.
4. Residential properties adjacent to transmission lines.
5. A - Historic properties and districts adjacent to transmission lines.
6. Impact on views near transmission lines.
7. Impact on the total environment
8. Noise

Comment Method: Email

9. Communication Signal
10. Interference
11. Existing development plans
12. Engineering feasibility and challenges
13. ROW Acquisition
14. Compliance with applicable ordinances, master plans and regulations
15. Health and safety impacts
16. Transit Impacts (Pedestrian, Public Transit, Traffic)
17. Use of existing utility corridors
18. Impact on native lands
19. Public/Stakeholder Feedback

For most of the factors evaluated, a transmission line would be very compatible along Aviation in this area. The factors that received less favorable evaluation included: use of existing utility corridors, visual impacts, and right-of-way acquisition. Although aviation is a major road corridor, there are no existing overhead utilities along Aviation today. Visual impacts were assessed based on change from the existing condition. Since there were no overhead utilities there now, this was evaluated as a greater change, so a greater impact. As for right-of-way acquisition, Aviation is within ADOT right-of-way. TEP would be required to secure new rights to be located here, whereas TEP has existing rights to be located on all City of Tucson roads as part of an agreement with the City.

Aviation between Euclid and Stone is still being considered as part of Alternative Routes 5 and 6.

Please let me know if you have further questions or comments. And please do let me know if you or others in your neighborhood would like to discuss the change to 7th Street.

Comment Method: Email**Comment Date** 3/16/2024**Category****Concerns Topics**

Appearance

Heard About**Issues/Phone Message/Comments**

I own property two blocks north of Grant Rd, but I'm done with being a NIMBY in this case. I was originally concerned about health effects from electromagnetic fields, and that's why I voted for greater height for the towers. I'm not an expert, but I'm willing to think the distance from the ground will take care of that. I have a new thought that perhaps others have brought up:

I think you should choose a route that considers prior efforts and expenditures by the City and local institutions to make our streets more attractive, as well as what visitors to our city will see after they arrive at the airport. These features would include: murals, mosaics, sculptures, and well maintained, flower producing median plantings. So, for example, Grant Road is, by and large, not beautified, while parts of Campbell Avenue definitely are, and Campbell is much used by folks coming from the airport to the UofA and UMC. Why ruin what's been beautified? In short, the attractiveness of the city should be a factor you consider if you haven't already.

Thank you for your diligence in giving the community a voice in this decision; from the looks of it, I'm guessing the community is still fighting it. It would be good if a way forward could be found.

Additional Info**Requested Info****Response sent****Response Notes:**

Thank you for your feedback regarding TEP's proposed Midtown Reliability Project. We appreciate your comments and will include them in the project record provided to the Arizona Corporation Commission (ACC).

We have noted the specific routing preference provided and will take that into consideration as we begin to evaluate these route alternatives with respect to evaluation criteria informed by public comment.

We hope you continue to stay engaged in the project as details of the project become more defined. You'll be able to find all the latest information on the project webpage at www.tep.com/midtown.

Comment Method: Email

Comment Date 3/14/2024

Category**Concerns Topics****Heard About****Issues/Phone Message/Comments**

I hope you might be able to clarify some confusion that is being thrown around by the burial folks.

Is it accurate that TEP has represented that the cost of conductor cable alone for a 138kV buried project, is actually more expensive than the entire project cost of a similarly routed overhead transmission project?

Also, is it accurate that if TEP were to propose an entirely underground transmission line project, that it would not need to have a line siting committee hearing, because the LSC "does not have jurisdiction over underground transmission lines?"

Finally, can you tell me the conductor cable size needed for 138kV overhead lines, and what is required for 138kV buried lines?

Additional Info**Requested Info****Response sent****Response Notes:**

In answer to your questions:

The last material estimate we got for the underground conductor/cable was in 2022. At that time, it cost \$195/linear foot. In order to meet the required line ratings, two cables would be needed for each phase, so six total cables running the length of the line. I'll let you do the math. For comparison, estimates to construct the project overhead for an approximate 9-mile long route were just under \$19 million for engineering, right-of-way, materials, and construction. We're working on updating these overhead cost estimates and will include them in the application for a Certificate of Environmental Compatibility (CEC) that TEP files with the ACC.

In order to construct a transmission line in Arizona, a CEC is required. According to ARS 40-360, a transmission line "means five or more new structures that span more than one mile in length as measured from the first structure outside of the substation, switchyard or generating site to which the line connects to the fifth structure and that are erected above ground..." While an underground line would serve a transmission function, it would not fall under the definition of a transmission line. So, in my non-legal opinion, would not require a CEC to construct.

TEP's standard overhead conductor is 954 ACSR, one conductor/phase. For underground, Sargent & Lundy has specified 6000 kcmil XLPE cable, two cables/phase. This is the largest XLPE cable made at present.

Let me know if further questions arise.

Comment Method: Email**Comment Date** 3/14/2024**Category****Concerns Topics**

Support Underground

Heard About**Issues/Phone Message/Comments**

Put this underground, out of sight when it gets to midtown.

Additional Info**Requested Info**

Response sent**Response Notes:**

Thank you for your feedback regarding TEP's proposed Midtown Reliability Project. We appreciate your comments and will include them in the project record provided to the Arizona Corporation Commission (ACC).

TEP, the City, and others put a lot of time and effort into exploring a path to finance the additional costs to underground a portion of this transmission line. With the defeat of Proposition 412 earlier this year, those efforts came to a stop.

The ACC has stated (Decision 79140) that incurring the additional costs to underground a transmission line for purposes other than safety and reliability is inappropriate. As a result of the defeat of Prop 412 and the ACC's policy, TEP is not considering an underground transmission line. Instead, we've started fresh with a new overhead line siting process to identify the least obtrusive route possible.

We hope you continue to stay engaged in the project as details of the project become more defined. You'll be able to find all the latest information on the project webpage at www.tep.com/midtown.

Comment Method: Email**Comment Date** 3/13/2024**Category****Concerns Topics**

Appearance, Location, Property Value, Support Underground, Historic

Heard About**Issues/Phone Message/Comments**

I have lived near the University of Arizona (1 block east of Campbell) for over 30 years and I strongly oppose the enormous, ugly and dangerous lines being proposed along Campbell.

As you know this route is the first exposure arriving visitors have to our city (via airport) and having it lined with huge power poles will undoubtedly have a negative impact on both our tourism and our economy. It will also damage property values and negatively affect historic neighborhoods that bring such charm to Tucson. I understand that TEP is owned by a Canadian company that cares little about the history of Tucson so this letter will probably mean little to the reader. It does, however, mean a great deal to those of us forced to live under these enormous power poles. Please consider what it would be like if you had to do the same.

I urge you to do the right thing and either reroute or place these lines underground!!

Additional Info**Requested Info****Response sent****Response Notes:**

Thank you for your feedback regarding TEP's proposed Midtown Reliability Project. We appreciate your comments and will include them in the project record provided to the Arizona Corporation Commission (ACC).

Using input from midtown residents and other stakeholders, TEP has identified 10 draft alternative routes for a new overhead transmission line. These alternatives remain under consideration for inclusion in TEP's application for a certificate of environmental compatibility.

You'll be able to find all the latest information, as well as the potential routes on the project webpage at www.tep.com/midtown. In addition, a public open house will be held on March 28th from 6:00-8:00pm at the Doubletree Reid Park. We hope you can join us.

TEP, the City, and others put a lot of time and effort into exploring a path to finance the additional costs to underground a portion of this transmission line. With the defeat of Proposition 412 earlier this year, those efforts came to a stop.

The ACC has stated (Decision 79140) that incurring the additional costs to underground a transmission line for purposes other than safety and reliability is inappropriate. As a result of the defeat of Prop 412 and the ACC's policy, TEP is not considering an underground transmission line. Instead, we've started fresh with a new overhead line siting process to identify the least obtrusive route possible.

We hope you continue to stay engaged in the project as details of the project become more defined.

Comment Method: Email

Comment Method: Email

Comment Date 3/12/2024

Category**Concerns Topics**

Appearance, Location, Property Value, Support Underground, Historic

Heard About**Issues/Phone Message/Comments**

Just driving down Grant Rd. and stung those hideous power lines makes me ill. Kleindale between Country Club and Dodge is horrible.

I have lived in Jefferson Park for over 40 yrs. My family is the original owners of our house. It is a historic neighborhood many in midtown your power lines and poles would destroy like Grant Rd. and Kleindale.

Historic neighborhoods in the midtown area give character and a unique beauty to Tucson. Destroying our neighborhood, the quality of life in midtown Tucson, not to mention the value of our homes to make additional profit instead of investing in our community makes no sense.

I find the continuation of meeting after meeting is to wear down our voices of those living in the neighborhoods you wish to cannibalize for your business profits. You will destroy our walkways, our view, and mostly destroy our historic homes.

You can run lines underground or route the power poles through commercial areas and leave our neighborhoods alone.

Tired of TEPs games.

Additional Info**Requested Info****Response sent****Response Notes:**

Thank you for your feedback regarding TEP's proposed Midtown Reliability Project. We appreciate your comments and will include them in the project record provided to the Arizona Corporation Commission (ACC).

Using input from midtown residents and other stakeholders, TEP has identified 10 draft alternative routes for a new overhead transmission line. These alternatives remain under consideration for inclusion in TEP's application for a certificate of environmental compatibility.

You'll be able to find all the latest information, as well as the potential routes on the project webpage at www.tep.com/midtown.

TEP, the City, and others put a lot of time and effort into exploring a path to finance the additional costs to underground a portion of this transmission line. With the defeat of Proposition 412 earlier this year, those efforts came to a stop.

The ACC has stated (Decision 79140) that incurring the additional costs to underground a transmission line for purposes other than safety and reliability is inappropriate. As a result of the defeat of Prop 412 and the ACC's policy, TEP is not considering an underground transmission line. Instead, we've started fresh with a new overhead line siting process to identify the least obtrusive route possible.

Comment Method: Email

We hope you continue to stay engaged in the project as details of the project become more defined.

Comment Method: Email**Comment Date** 3/12/2024**Category****Concerns Topics**

Location

Heard About**Issues/Phone Message/Comments**

WHY do you keep eliminating routes along already-industrial corridors like Aviation Pkwy & 1-10?

If there's a good reason (I imagine there must be), surely someone has written (or can write) a quick form-letter blurb you can copy and paste?

Additional Info**Requested Info****Response sent****Response Notes:**

The alternative routes under consideration are the result of an extensive siting study.

The study began by identifying a study area within which possible route would be considered. The study area was heavily influenced by the substations that need to be connected by the proposed transmission line. In this case, the DeMoss Petrie Substation (I-10 and Grant) needs to connect to the proposed Vine Substation (close to Banner UMC), which needs to connect to the Kino Substation (Kino Pkwy and 36th St).

We then looked at opportunities (good places to put a transmission line such as industrial corridors like you mentioned) and constraints (elements that would make it challenging to construct and operate a transmission line). Any opportunity that was identified was reviewed at a high level through an engineering lens. If a line could be built there, it was considered a preliminary route segment. Route segments along I-10 and Aviation were identified.

From here, we started paring down these segments based on different criteria, some of which was identified by members of the public. During the suitability assessment, most of the route segments were eliminated along I-10 and some were eliminated along Aviation. During the compatibility analysis, some additional segments were eliminated along Aviation. This does not mean they were flawed routes, but when evaluated using the criteria developed by both TEP and the public, these segments were less suitable for a transmission line than similar routes. In other words, they did not represent the values we understood to be important to the community.

The alternative routes proposed do include elements of both Aviation and I-10. Alternative Routes 5 and 6 both parallel Aviation between Euclid and Stone. And Alternative Routes A-D all parallel I-10 going into the DeMoss Petrie Substation from Grant.

If you are interested to learn more, the interactive project map, found on the project webpage, provides a high-level overview for the elimination of different route segments throughout the siting study.

Thank you for your interest in the project and we hope that you'll join us at the project open house on March 28th.

Comment Method: Email

Comment Method: Email

Comment Date 3/12/2024

Category**Concerns Topics****Heard About****Issues/Phone Message/Comments**

I very much appreciate your taking the time to respond. I just wish you would provide the specific reasons that more of the Aviation/I-10 corridor was chosen to be eliminated after weighing the various factors. I do understand that numerous factors are considered, but often there are 1 or 2 that make the largest difference, which might even be communicated in even fewer words/effort (I also understand that condensing a lot of data into a few sentences outlining the most important factors isn't always easy).

I hope that's something that you or a member of your team can work on. Obviously a lot of time and effort is being spent on gathering input, but reporting on specifically why that input has resulted in routes being eliminated is every bit as important. Thank you for your response and continued efforts.

Additional Info**Requested Info****Response sent****Response Notes:**

Sorry for the slow response. I took a few days off and have been trying to catch up ever since.

Let me try to be more specific in my answer.

One stretch along I-10, between Grant and Speedway was considered as a preliminary segment in the first phase of the siting study. This segment was then subject to a suitability assessment, where we researched and created spatial models for the following:

1. Biological Resources

- Highly suitable, no critical habitat for threatened and/or endangered species; no riparian habitat

2. Noise and Communication

- Moderately suitable, some proximity to sensitive receptors

3. Total Environment

- Highly suitable, not a lot of environmental sensitivities

4. Existing and Future Residential

- Highly suitable, passes adjacent to, but not through any existing or planned residential areas

5. Historic Properties and Neighborhoods

- Highly suitable, no properties listed, or eligible for listing on the national register or historic places in the vicinity; no designated historic districts/neighborhoods

6. Impact on Native Lands

- Unsuitable, passes through property owned by the Pascau Yaqui

7. Impact on Low-income and/or Disadvantaged Communities

- Highly suitable, does not pass through an area with greater poverty levels than the county as a whole

Based on the results of the suitability assessment alone for this segment along I-10, it would appear to be a fairly good route for consideration, with the only unsuitable factor being the crossing of native lands. However, this segment

Comment Method: Email

would need to be combined with others to form a complete route between either the DeMoss Petrie substation (Grant and I-10) and the proposed Vine substation (just west of Banner UMC); or the proposed Vine substation and the Kino substation (Kino Pkwy and 36th St). When reviewed in this greater context use of this I-10 segment resulted in use of connecting segments that were of lower suitability, and generally much longer routes. For this reason it was eliminated.

Moving on to the segments along Aviation.

For segments east of Campbell, these were eliminated following the suitability assessment for almost identical reasons just explained for the I-10 segment. The route looked fairly suitable, but other connecting routes were less suitable and were eliminated, resulting in a stranded segment that was then eliminated.

For segments between Campbell and Euclid, these were eliminated during the fourth phase of the siting study as a result of the Compatibility Analysis. As part of this analysis, subject matter experts evaluated each refined segment for the following:

1. Impact on low-income and/or disadvantaged communities.
2. Cost of transmission line construction, including relocation/undergrounding of distribution lines.
3. Sensitive plant and wildlife species and/or habitat within the transmission line corridor.
4. Residential properties adjacent to transmission lines.
5. A - Historic properties and districts adjacent to transmission lines.
6. Impact on views near transmission lines.
7. Impact on the total environment
8. Noise
9. Communication Signal
10. Interference
11. Existing development plans
12. Engineering feasibility and challenges
13. ROW Acquisition
14. Compliance with applicable ordinances, master plans and regulations
15. Health and safety impacts
16. Transit Impacts (Pedestrian, Public Transit, Traffic)
17. Use of existing utility corridors
18. Impact on native lands
19. Public/Stakeholder Feedback

For most of the factors evaluated, a transmission line would be very compatible along Aviation in this area. The factors that received less favorable evaluation included: use of existing utility corridors, visual impacts, and right-of-way acquisition. Although aviation is a major road corridor, there are no existing overhead utilities along Aviation today. Visual impacts were assessed based on change from the existing condition. Since there were no overhead utilities there now, this was evaluated as a greater change, so a greater impact. As for right-of-way acquisition, Aviation is within ADOT right-of-way. TEP would be required to secure new rights to be located here, whereas TEP has existing rights to be located on all City of Tucson roads as part of an agreement with the City.

All that said, these segments along Aviation were eliminated because there were one or more routes that accomplished the same east/west objective with less compatibility concerns.

Lastly, Aviation between Euclid and Stone is still being considered as part of Alternative Routes 5 and 6.

Comment Method: Email

I'm sure that was a longer response than you were hoping for, but I hope it provides the insight into the decision-making process you were after.

Comment Method: Email**Comment Date** 3/11/2024**Category****Concerns Topics**

Appearance

Heard About**Issues/Phone Message/Comments**

My wife and I have been in this house for 40 years now.

We understand that there will be 75-foot monopoles placed on the south side of 7th Street by TEP.

We look at the long-term and what is best for the greatest number of people, so we are not against what is necessary to upgrade the grid. However, we are strongly in favor of placing these poles in a median of some kind in the middle of the street. First, it is a very wide street. Much wider than most neighborhood streets. Second, rusted patina finish would not look bad in this location (on a median). Third, our lots are already fairly small, and to take land on the south side of the street, where we have trees planted and a side-walk, would be a major disruption of the land area we do have.

If you have any questions feel free to call me or email us.

Additional Info**Requested Info****Response sent****Response Notes:**

Thank you for providing your thoughts. We will add these to our project record and take them into consideration on any recommendations that are made.

I would just like to clarify one thing. There is no certainty that these poles will be placed along 7th Street. This is one of six alternative routes under consideration for the proposed transmission line. We'll have a public hearing in July of this year where the Arizona Power Plant and Transmission Line Siting Committee will review each of the proposed routes and approve the route they determine to be most "environmentally compatible."

I hope you'll stay engaged with the project. You'll be able to find more information, include the latest updates on the project webpage at www.tep.com/midtown.

Comment Method: Email**Comment Date** 3/8/2024**Category****Concerns Topics**

Location

Heard About**Issues/Phone Message/Comments**

Thank you, Clark. Looking forward to this working out!

Some examples of a possible median/barrier designs for the could be the medians on Speedway east of Swan near McKinley. These are much larger medians, of course, given the size of Speedway, but they have eucalyptus trees with street lights interspersed.

Also, are the large poles on the south side of Speedway heading east between Swan and Pantano the same poles we would have on E 7th?

Additional Info**Requested Info****Response sent****Response Notes:**

We have a number of different pole types on Speedway between Swan and Pantano. I'm assuming you are referring to the largest of these poles near Speedway/Pantano. Assuming that, the answer to your question is both yes and no. Those are 138kV poles which is what we are proposing, but those poles are an older design which has a much larger footprint. A good example of what we would be proposing is on 36th Street between Kino and Park.

Have a great weekend!

Comment Method: Email**Comment Date** 3/7/2024**Category****Concerns Topics**

Do not Support Underground

Heard About**Issues/Phone Message/Comments**

I wanted to share with you a response to a totally unrelated project we're working on. This response is related to the MRP and we received permission to share with you, asking that it be considered among all the other comments already received. I reassured them that this is exactly how TEP has been considering all input. Here is the comment:

Currently, I'm concerned that the City Council is over-protecting "historic" neighborhoods in TEP's long, line-siting request for the new central transmission line. We need to facilitate, not block, that process. The line should be installed above ground. I'm against all Tucsonans paying for undergrounding to protect a few families' property values — while other family and business property values are further devalued because they're considered less worthy. (redacted) should work with the Tucson Council to significantly narrow the privileged entryway and historic neighborhoods it is protecting, and equitably distribute "unwanted" buildout throughout the City's neighborhoods and Wards. Right now, it's NIMBY based on whoever has money and legal counsel to fight development. Meanwhile, I live in one of the privileged neighborhoods and my property values and sight lines would not be negatively affected—I think a few of my neighbors have misrepresented the number of us who want to block the DeMoss-Petrie line. Many of us want to get the line going, because it is essential in the transition to renewable energy.

Additional Info**Requested Info****No response required****Response Notes:**

Comment Method: Email

Comment Method: Email**Comment Date** 3/7/2024**Category****Concerns Topics**

Appearance, Location

Heard About**Issues/Phone Message/Comments**

I'm the person who sat to your right and asked a litany of questions at the Pie Allen Neighborhood Association meeting on 3/6/24. Thank you for graciously taking my questions and comments.

Given the group's collective comments expressed during the meeting, I wanted to follow up with a few requests:

- Please consider/prioritize placing any new poles on E 7th Street on street corners or in a natural divider in the middle of the street (as you mentioned) instead of along current walking paths/sidewalks. Both Tucson High and UA students use these paths daily, and they run flush with homes' lots, as you are likely aware. Plus, E 7th is wide for a residential street, so a natural divider may be feasibly possible. It would also provide an opportunity to control traffic flow in that area, and may even benefit school drop off for Tucson High (E 7th is on the drop off route during the school year). — This aligns with one of TEP's own criterion for Midtown Reliability related to minimizing pole placement in densely-populated areas.
- Please provide Pie Allen with an estimate of how many poles will officially be placed on E 7th. I didn't hear an answer to this question during your presentation, and that's likely because you don't know yet, which is fair. When you do know, it would be nice to have that information.
- Please consider painting these poles to align with the aesthetic of the homes in that area. One idea is to use a rusted finish (similar to the rusted galvanized steel fences and public art pieces you see throughout the neighborhood—examples can be found at the corner of Tyndall and E 6th, the northwest and southeast corners of Tyndall and E 7th, and on the west side of the wash facing Euclid between E 7th and E 9th) — this also aligns with one of TEP's stated criterion regarding minding historic neighborhoods. If this option is not possible, what are the painting/finishing options for the poles?
- Please inform homeowners or tenants of pole/line construction at least 60 days prior to construction. We have a lot of renters and students in the area, as you likely heard, and they likely don't read the mailers or newsletters you referenced (or they weren't in town when you sent them following the passage of prop 412). Plus, the property owners/managers are likely not going to inform tenants with enough notice. That said, these folks would benefit from TEP outreach by canvassing/flyering or in-person door-knocking. I know that's a big ask, but it's worth doing, especially if you haven't communicated with property owners (developers, property managers) who are not occupying their properties.
- If you cannot help answer/accommodate these questions, please direct me to TEP staff who can, and I'm happy to direct my questions there.

Additional Info**Requested Info****Response sent****Response Notes:**

I really appreciated your litany of questions and comments last night. And thank you for providing this additional

Comment Method: Email

summary of your thoughts and requests.

Just a quick response on each of these in the order you've presented them:

1. Noted and we'll do our best to incorporate this request in the final design of the line, and we'll work with the City to see if this is an area where they would be open to repurposing some of the roadway.
2. I just sent a map to Marlene with this information, but I'll attach it here as well. These locations are by no means to be considered final, but are what we have currently based on high-level preliminary engineering design.
3. Noted, TEP's standard is the self-weathering or rusted steel finish. We're committed to working with each neighborhood through which the approved alignment passes on the pole finish that works best for their neighborhood. So if the alignment passes through Pie Allen, we would work with you all to decide what finish you prefer.
4. Great suggestion and this is certainly something we can do. Also, pertaining to your thoughts on canvassing the residents along 7th Street to ensure they are aware of the changes from alley to 7th Street, that was a great suggestion and we're mulling over how we might implement this or a version of it.

Comment Method: Email

Comment Method: Email

Comment Date 3/2/2024

Category**Concerns Topics****Heard About****Issues/Phone Message/Comments**

3 things:

FIRST

BRAVO!BRAVO! Big time and then some for yourself and all other TEP employees making the "TEP Advisory Group" meetings and "Open House" events possible. Earl and I were more than impressed with the time and effort put forth. All questions and concerns were addressed with respect and intelligence. This, along with, the open and more than cordial welcoming environment were more than wonderful! A more than impressive corporate landscape for which we, and the Tucson community, are most fortunate. And, most certainly. We will share much of the information acquired during the "TEP Advisory Group" meetings and "Open House" events with our South Park Neighborhood Association (SPNA). Thank you for yourself and all other TEP employees again, many times over and then some!

SECOND

The Energy Savers Tips booklet is wonderful! How could we purchase/acquire 10 or more copies? This is the sort of thing we readily share with our South Park Neighborhood Association (SPNA) residents. And, I am more than sure, the South Park Neighborhood Association residents would appreciate and more than welcome this Energy Savers Tips booklet. Please advise how we may acquire additional copies of the Energy Savers Tips booklet.

THIRD

The "freebie" TEP bag of goodies distributed at the conclusion of the final TEP Advisory Group meeting was more than appreciated ... and enjoyed. However have we lived without (for so many years!) the wind powered pen!? What a treasure!

The very best "goodie" has to be the solar powered multi tasking calculator! Earl's computer lifetime began so many years ago with room sized computers, strips of paper read outs, and punch cards on to cabinet sized computers, then desk top computers, and now a handy dandy multi tasking solar powered calculator less than 6 inches long! What fun! Upon returning home, we "test drove" this calculator for quite a bit of time! More than impressed with its capabilities!

Very much of a good time activity to close out our TEP evening.

Again, so many thanks and such good thoughts as regards these recent TEP experiences. And with this thank you, we send our best regards for continued success and great happiness in all that you are about ...

Additional Info**Requested Info****Response sent****Response Notes:**

Thank you so much the kind words. What a great way to start off the week. It has been an absolute pleasure to work

Comment Method: Email

with you over the past several months and I hope we have opportunities to cross paths in the future.

As far as the Energy Savers Tips booklet, we would be happy to get you a stack of these that you can share with your neighborhood. I've copied Teresa Bravo on this email as she is the one who gathered that information, along with the goodie bags, and will be able to get you more of those.

Comment Method: Email

Comment Date 2/28/2024

Category

Concerns Topics

Location, Historic

Heard About

Issues/Phone Message/Comments

I'm currently serving as president of the West University Neighborhood Association. TEP failed to contact us regarding this advisory group. We were overlooked in 2019 as well.

The Euclid route would put poles in the front yards of our neighborhood's historic homes. We would very much like to be a part of this ongoing process.

I have asked a WUNA board member to serve as representative, and ask that he be included in tomorrow's meeting. I have cc'd him in this email.

Thank you for your understanding. We're looking forward to tomorrow.

Additional Info

Requested Info

Response sent

Response Notes:

Thank you for reaching out. I sincerely apologize that we were not able to get your neighborhood engaged earlier, but I can assure you that we did not overlook you. We'll gladly welcome them to the advisory group meeting tomorrow and look forward to further input from your neighborhood.

I've included Teresa Bravo on this email who represents our local government affairs and helps with reaching out to the neighborhoods. Beyond the advisory group, if you'd like us to attend an upcoming neighborhood meeting to listen to neighborhood concerns and answer questions, we would be more than happy to do that.

In case you don't have it already, we'll be meeting from 6-8pm tomorrow night at the Dunbar Pavilion (325 W 2nd St, Tucson, AZ 85705), we'll be meeting in the Dining Hall.

Comment Method: Email**Comment Date** 2/27/2024**Category****Concerns Topics****Heard About****Issues/Phone Message/Comments**

As to two, it looks to me like Irvington is connected to Vail 230 through at least 4 different pathways and it is further connected to DMP 230 through another 2-3 pathways. Why does a 8th or 9th 138kV connection between Irvington and the 230 backbone make such a big difference? We will also ask these questions of a licensed transmission engineer. And, if your 138kV steel monopoles are above hurricane proof and replacing something much less sturdy, it would seem the risk of many segments going down at once is much smaller than it was prior and likely within tolerance and will still greatly improve your SAIDI scores.

Our solution does not preclude such further connections. We want to discern what is sufficient vs a "nice to have." We prioritize capacity increases over marginal redundancy that has layers of legal conflicts that will not resolve quickly. We're actually trying to help TEP because we believe you're on a third dead end path.

I called it a backup feed because TEP has referred to it as redundancy.

Additional Info**Requested Info****No response required****Response Notes:**

Comment Method: Email

Comment Method: Email**Comment Date** 2/26/2024**Category****Concerns Topics**

Cost, Support Underground

Heard About**Issues/Phone Message/Comments**

I have three quick questions:

1. It seems to me that you're primarily making an argument for increased capacity. Can you explain why a 138kV single feed from DMP to Vine does not accomplish that increase in capacity for the area?
2. It's difficult to follow your explanation with regard to other projects. I see the Vail to DMP to Tortolita 230kV connection in your 10 Year Plan. Why does that not solve the problem of bringing power North and reducing strain on Irvington, which is already connected to DMP and Vail via 138kV links? Why is that not good enough for Irvington?
3. As to half measures, if this is as urgent as you claim it is, why doesn't it make sense to break it into pieces to get capacity to Vine done more quickly while you pursue your legal battles against various undergrounding requirements for your backup feed?

I don't know how information flows in TEP, but undergrounding is the most climate change resilient solution available according to industry data and analysis, some of which I have attached. The total cost of ownership can be close to and sometimes less than overhead depending on the situation. It seems to me TEP has focused on aesthetic arguments instead of resiliency to its own detriment -- even possibly missing out on federal funding opportunities. John may have more questions.

Additional Info**Requested Info****Response sent****Response Notes:**

Thank you for the additional feedback.

In response to your first question/comment: we would not agree that we are primarily making an argument for increased capacity. Our communications with stakeholders throughout the public education and outreach process for this project have emphasized the importance of the looped design for resiliency and reliability. A single 138-kV feed from DMP to Vine would increase our capacity to deliver energy to central Tucson, but it would not provide the benefits we will realize through a looped design for customers both in central Tucson and throughout the city.

In response to your second question/comment: The additional DMP-Irvington 138-kV link that will be created through the Midtown Reliability Project also will accommodate increased energy flows from north to south, helping us deliver additional energy that will be carried to DMP through the new 230kV tie to the Tortolita substation. Without that link, we would not be able to fully utilize that additional capacity for the benefit of all TEP customers, and those other lines would be at greater risk of overload during periods of peak energy use.

In response to your third question/comment: we are targeting completion of the full Midtown Reliability Project in 2027 so that we might begin to realize these reliability benefits at a pace that aligns with our customers' increasing energy needs. Also, it's not accurate to describe any part of the project as a "backup feed," as the entire project will be

Comment Method: Email

utilized consistently to support continued reliability throughout the city.

I will forward the additional information you've provided to the project team for consideration. Thank you.

Comment Method: Email**Comment Date** 2/17/2024**Category****Concerns Topics****Heard About****Issues/Phone Message/Comments**

Thanks for the added information. What is not clear is whether the yellow dashed line is a possible path.

Additional Info**Requested Info**

Response sent**Response Notes:**

With the exception of the stretch just north of Speedway along Mountain Avenue, the yellow dashed line was carried forward in the siting study as a possible path. The stretch along Mountain was eliminated from consideration following field review which identified engineering challenges with respect to identifying suitable pole locations.

Comment Method: Email**Comment Date** 2/16/2024**Category****Concerns Topics****Heard About****Issues/Phone Message/Comments**

WHAT DOES THE YELLOW DASHED PATH MEAN BY OPTIMAL PATH CONSTRAINED SEGMENTS?

Additional Info**Requested Info****Response sent****Response Notes:**

During the first phase of the siting process which took place last year, we identified constraints. These constraints were areas that presented some sort of an obstacle to constructing and operating a transmission line. For the yellow dashed path, we restricted the suitability model so that it could not identify a path that crossed through an area of "constraint". So that path would be the next best path, given your priorities, if we could not overcome whatever challenges was presented in the various areas of constraint.

I hope my answer makes sense. If not, please let me know.

Comment Method: Email

Comment Method: Email**Comment Date** 2/15/2024**Category****Concerns Topics****Heard About****Issues/Phone Message/Comments**

Because Tucson's response to the TEP lawsuit v. the BOA so heavily weighs on the contention that TEP should not have relied on City staff statements that 138kV transmission lines could pass along Campbell, but should have gone to the Zoning Administrator and asked for an official determination, maybe TEP should do the same related to the University Area Plan? There is the statement on page 30:

"6. Wherever possible, place utility and service equipment underground or in other visually screened locations."

That "policy" is a subset of the "Goal" set forth in Section 6 of the UAP:

"SECTION 6: PUBLIC SERVICES: Goal: Ensure an adequate supply of high quality public services to meet the current and projected needs of University Area residents and businesses."

To me, the policy is meant to serve the goal, but it could actually be in conflict with it, if the trouble of undergrounding "wherever possible" actually thwarts the delivery of high-quality electrical service.

Importantly, there is no definition of what "wherever possible" means. It seems logical that among the items that make something possible or impossible would be ACC guidelines, cost, inconvenience, existence of caliche or other subsurface obstacles to burying lines... but the UAP is unclear about the meaning.

Perhaps TEP should ask for a ZA determination now.

Below is something I just wrote to my Ward 5 office. I highlighted for you the question I think TEP should ask.

Dear Ward 5:

I wonder if you could answer a couple of questions that the attached e-mail and "proposal" raise, and see if Roi Lusk or the Zoning Examiner might be able to address contentions brought up at the bottom of page 1 of the "proposal"?

This is a proposal from the self-described "underground coalition," which opposes TEP's proposed Midtown Reliability Project.

First, in the email from Dan Dempsey, he states that this proposal "has support from the City." I wonder if Ward 5 supports this, or if it was ever considered by Mayor & City Council, or perhaps you can clarify what part of the "City" supports eliminating half of TEP's Midtown Reliability Project to pay for a half-mile of burying lines through the Jefferson neighborhood?

Secondly, the questions for Roi Lusk, or the Zoning Administer:

At the bottom of page 1 of this "proposal" and footnote 1, there is a contention that the University Area Plan requires power lines in the area to be placed underground "wherever possible," and that this would be required for this project.

Comment Method: Email

My reading of the May 2021 ZA decision letter (May 13, 2021) related to the Vine Substation, was that the special exemption was denied simply because the application was premature. There were too many unknowns, and the ZA wrote:

“At the present time, and on this record, the Zoning Examiner cannot determine whether the proposed special exception land use complies with Plan Tucson and the University Area Plan, or whether the proposed special exception would adversely affect the surrounding neighborhoods.”

Does the City, the City Attorney, or the Zoning Administrator have a position on whether new overhead electrical transmission lines through the University Area would conflict with the University Area Plan, or on the limits of the phrase “wherever possible” as found in Sec. 6., item 6 (page 30) of the UAP? What criteria would be used to determine where it would be possible versus impossible?

The City Attorney’s office, in its defense against TEP’s latest lawsuit v. the Board of Adjustment makes a strenuous argument that TEP is to blame for incorrectly assuming that overhead lines could be placed along a gateway corridor, and it should have asked for an official Zoning Administrator’s determination about the issue. As this is now becoming a similar problem with respect to the University Area Plan, could we get an official determination about whether or not overhead transmission lines can be placed in the University Area, and where or how or what criteria determine where “wherever possible” is?

There is a lot of effort being spent by volunteer neighborhood representatives trying to advise TEP on a route selection, and much effort is being wasted trying to guess what the real answer is.

Thanks very much.

Additional Info**Requested Info****No response required****Response Notes:**

Comment Method: Email

Comment Date 2/12/2024

Category

Concerns Topics

Heard About

Issues/Phone Message/Comments

Hello I am the new president of Pueblo Gardens Neighborhood Association.

We would be happy to attend a meeting.

Place and time?

Additional Info

Requested Info

Response sent

Response Notes:

Thank you for reaching out and providing updated contact information. I'm copying Teresa Bravo on this response. Teresa is TEP's Government Relations representative and can work with you to schedule a time for us to meet with you and/or your neighborhood.

We do have a Neighborhood Advisory Group meeting scheduled for February 29th from 6:00-8:00pm at the Dunbar Dining Hall (325 W 2nd St, Tucson, AZ 85705). We would love to have you or your designated neighborhood representative attend. We plan to review alternative routes for the proposed transmission line that will loop the new Kino Substation, located near your neighborhood (36th and Kino Pkwy) to TEP's DeMoss Petrie Substation, located near I-10 and Grant.

Comment Method: Email**Comment Date** 2/12/2024**Category****Concerns Topics**Location, Do not Support
Underground**Heard About****Issues/Phone Message/Comments**

I am the former president of Pueblo Gardens and would like to know whether member of the Association attended this meeting? I had tried to get someone to attend at the last several meetings when I was in office, due to the fact I was unable because I am ill.

I understand that Pueblo Gardens is one of the spots being considered for underground TEP wiring, and I personally don't want to see that happening, but since I am no longer a representative, someone needs to be there. Am I correct? Members of the new Board have been cc'd and I hope your information will allow the new board to be advised. Thank you for your time.

Additional Info**Requested Info****Response sent****Response Notes:**

I sincerely apologize for my response. I just re-read what I wrote and realized that I read Pueblo Gardens, but registered Garden District.

So yes, Pueblo Gardens is very much within the project study area. We are not considering an underground transmission line, all options under consideration are for a line to be constructed overhead.

I can't say if anyone from your neighborhood was in attendance at the open house last week, because nobody signed in stating they were from Pueblo Gardens. But they could have been.

We do have a Neighborhood Advisory Group meeting coming up on February 29th and we would love to have a representative from Pueblo Gardens in attendance. Additionally, we would be happy to meet with your neighborhood at your convenience to go over the project details. Please let me know if that would be of interest to you.

I hope your health improves.

Comment Method: Email**Comment Date** 2/8/2024**Category****Concerns Topics**

Location, Support Underground

Heard About**Issues/Phone Message/Comments**

1. I understand that there's what is said publicly versus what is discussed behind closed doors. I really hope that you guys take a closer look at the statutory law and case law regarding specific plans. You're walking into an expensive mess as big as the gateway ordinance mess and we're trying to help you avoid it.

So specific plans can be land use regulations. Case law says whether or not something in a specific plan is an enforceable regulation is up to M&C. M&C isn't going to go your way on that. The pressure will be too great.

TEP touched the wire with the special exception zoning process for Vine but that's not the only place TEP will touch the wire. Specific plans are enforceable anywhere TEP wants to use the right-of-way in the plan area -- there are no exceptions.

The ACC approving a route does not resolve that issue. Indeed, that is the very controversy that was decided against APS in APS vs. Town of Paradise Valley in 1980. All of these undergrounding laws were drafted after that decision and probably because of it. Maybe TEP thinks it can get a different outcome but that's not a cost efficient business strategy. The Town of Paradise Valley, and every other municipality (politically blue, red, and purple) is going to fight that and, should TEP win, get new legislation/constitutional amendments passed that address whatever technicality TEP relies on.

2. Game it out and seriously think about the Halfway Solution. On your present course, TEP may end up spending \$30+ million to connect Kino to Vine and another \$10 million in a decade of uphill legal battles with the City -- that end in the same place. Yes, a loop adds resiliency but at what cost? What's the marginal gain in resiliency compared to radial 138kV? If it's really not that much because 138kV is reliable, build the radials and see how they perform. I would bet good money that they'll prove to be sufficiently resilient and a significant upgrade over the current system. Your upper quartile SAIDI score will increase, especially as you replace 4kV with 14kV in these areas.

There, I just saved you \$40 million! And you can frame it as "Tucson, we listened."... Like I've said, I am happy to game it out with you guys in good faith. I just want to arrive at a win-win solution that allows us all to move on with our lives.

Additional Info**Requested Info****Response sent****Response Notes:**

As always, thanks for sharing your thoughts.

Great seeing you at the meeting last night.

Comment Method: Email**Comment Date** 2/8/2024**Category****Concerns Topics**

Do not Support Underground

Heard About**Issues/Phone Message/Comments**

I was digging a little to explore what population density pencils out for undergrounding, given its prevalence in Europe:

Germany has an average population density of about 240 people per square kilometer. The USA has an average population density of 36 people per square kilometer.

Seems relevant given the limited will and ability to fund the project here.

Additional Info**Requested Info****Response sent****Response Notes:**

Thanks for the research and bit of information Meredith. Very helpful.

Comment Method: Email

Comment Method: Email**Comment Date** 2/4/2024**Category****Concerns Topics**Location, Property Value, Support
Underground, Historic, Reliability**Heard About****Issues/Phone Message/Comments**

We're building consensus around a "Halfway Solution" to sidestep many of the issues that have slowed down and will continue to slow down the Midtown Reliability Project.

You're already familiar with the broad contours but attached is something more specific for your and your team's review (it's only a few pages).

We have already and will continue to run it past experts and we believe this can be a genuine win-win by limiting TEP's legal costs and getting the Midtown Reliability Project completed on a far quicker schedule than TEP's current path.

We welcome any and all feedback.

Additional Info**I. TEP's Current Proposal**

To keep it brief, TEP intends to build the new Vine substation and create an overhead 138 kV loop by connecting it to DeMoss Petrie (Connection 1) and to Kino (Connection 2). The purpose of the loop is to provide redundancy. Once the 138kV system is built, TEP claims that it will remove the 46kV substations and lines.

II. Our Proposal: the Halfway Solution

We propose that TEP only undertake the DeMoss Petrie to Vine section of the proposed project (Connection 1). The Vine to Kino section (Connection 2) is not required for any technical reason for the project to attain its principal goal to upgrade the delivery of electricity to the new Vine substation. Constructing Connection 2 overhead directly conflicts both legally and politically with longstanding local land use regulations, prized community goals, neighborhood interests, and the financial value of numerous private properties along the route. Given these many conflicts, for what might be a very marginal gain in redundancy at best, the expense to construct Connection 2 is a deal of highly questionable value for ratepayers' pocketbooks.

A. Technical Necessity

1. Upgrading the System. Connection 1 provides the 138kV upgrade (3x upgrade from 46kV to 138kV) for the Vine substation and the entire area that TEP desires. Connection 2 is unnecessary in achieving that goal.

2. Increased Reliability. Connection 1 will use steel poles that substantially increase reliability compared to the wooden poles of the existing 46kV system. As TEP has said, the steel poles in the 138kV system have not been felled by a storm or vehicular accident in the last decade, which is as far back as TEP looked. And, as TEP has said, the 138kV system "almost never" goes down while the 46kV system goes down every monsoon season. Thus, Connection 1 will bring a substantial increase in reliability compared to the status quo.

3. Unnecessary Redundancy. The redundancy provided by Connection 2 is of very slight additional value to the system's reliability, if that. For one thing, if Connection 1 is extremely unlikely to go down, as TEP has said, the need for redundancy is itself minimal, perhaps approaching zero. Secondly, if a catastrophe does occur of such great magnitude that it is able to knock out parts of the 138kV system (i.e., beyond anything we have seen for at least the past decade), it will likely have also already knocked out large sections of the 4-14kV distribution system, causing widespread

Comment Method: Email

outages whether or not there is transmission-level redundancy.

3. Historical Background. For the past century, Tucson has not had redundancy in its substation connections. The system has historically been a radial, spoke and wheel system, with power flowing in one direction. The absence of redundancy has not proved to be an overriding problem to our lives or the City's development. As it concerns reliability, the design of the 138kV system already substantially improves upon the primary problems of felled wooden 46kV poles.

B. Conflicts with City Land Use Regulations

1. Precedent. Statutory and case law have established that utility projects subject to approval by the ACC must be in conformance with ordinances, regulations, and general plans of municipalities, including those requiring undergrounding. Connection 2, in particular, comes into conflict with a number of these municipal regulations, which TEP is trying to legally overcome through costly and time-consuming litigation that runs against longstanding precedents. The Halfway Solution would enable TEP to avoid this effort and expense as well as the negative public image that the project, if constructed overhead against municipal regulations, will surely arouse.

2. Ordinances. Connection 2 covers an area subject to scenic and gateway ordinances that require the undergrounding of new transmission lines. Connection 2 also contains several areas subject to historic zoning ordinances that limit the types of structures that can be built. TEP is currently attempting to get around these ordinances on various technicalities, but its likelihood of success appears to be low.

3. Specific Plans. Portions of Connection 1 and Connection 2 are subject to "specific plans" (a legal term encompassing the City's area and neighborhood plans) that call for the undergrounding of new electrical infrastructure (Section 6, Policy 6 of the University Area Plan in this instance). The Zoning Examiner already determined that the routes TEP originally proposed were not in conformance with the City's specific plans. In addition, the Mayor and Council unanimously directed the City Attorney to enforce compliance with the City's plans. The Vine substation as currently proposed will require a rezoning. Rezoning requires conformance with the undergrounding requirements of the University Area Plan.

C. Conclusion

The Halfway Solution provides a way for TEP to meet its major goal for the Kino to DeMoss-Petrie project without any of the costly conflicts and negative effects the project would otherwise inflict on both TEP and the community. It is a win-win. Now, that's not to say that the remaining Connection 2 has no conflicts. A small portion of Connection 2 is also subject to the University Area Plan, which would require undergrounding transmission lines through the Jefferson Park neighborhood. However, TEP should be able to substitute the money it would save from not constructing Connection 1 to cover undergrounding the substantially smaller portion of Connection 2 (about one-half mile) that would be needed to be in full compliance with the City's land use regulations.

Requested Info

A.R.S. 40-360.06(D). "Any certificate granted by the committee shall be conditioned on compliance by the applicant with all applicable ordinances, master plans and regulations of the state, a county or an incorporated city or town."; APS v. Town of Paradise Valley (1980). The Arizona Supreme Court said (p 451), "[the existence of alternative funding mechanisms]...does not prevent the Town from mandating the undergrounding at utility expense."; "...local governments can prescribe undergrounding within their boundaries."

A.R.S. 9-461.08(B): "Specific Plans may ... include: (1) Regulations determining the location of buildings and other

Comment Method: Email

improvements with respect to existing rights-of-way, floodplains and public facilities. (2) Regulations of the use of land, buildings and structures, the height and bulk of buildings and structures and the open spaces around buildings and structures.”

Mayor & Council Special Meeting September 1, 2021, Item 3. Bullet 2(a): “...The route’s incompatibility with existing plans of the City...”; Bullet 3: “...the City’s position is that this route – or any proposed preferred or alternate route – cannot be considered for approval unless TEP complies with all City requirements...”

In preparation***Response Notes:***

Comment Method: Email

Comment Method: Email**Comment Date** 2/1/2024**Category****Concerns Topics**Cost, Appearance, Support
Underground, Safety, Renewable
Energy, Reliability**Heard About****Issues/Phone Message/Comments**

There is no doubt that Tucson's aging electrical grid needs updating for sustainability and efficiency. Upgrades could include thousands of miles of new transmission lines to accommodate the addition of renewable energy.

Fires may have been caused by trees toppling onto its power lines mostly instigated by our high temperatures, winds, dry weather, and dry vegetation near transmission lines.

There is a better solution instead of blackouts.

Buried utilities, encasing high-voltage transmission lines in underground in electrical conduit, will protect dry vegetation from errant sparks and helps minimize disruptions to the economy, public health, and safety.

Buried utilities have also been used in city light upgrade projects in which cities also get the advantages of a cleaner look and a keener architectural appeal with no overhead power lines.

Buried utilities are used in new cities which preserves the architectural appeal, provides a professional ambiance, and will make Tucson less of a third world looking city.

Buried utilities promotes a pleasant city to look at, adds timeless charm, an inviting atmosphere, and fosters a more enjoyable city to live in. Landscape helps define mood and is often one of the first things a buyer or visitor sees upon arrival.

There is a better solution instead of blackouts.

I am a proponent and advocate for underground transmission line burial. I understand the costs and a few of the downsides to burial however, the preservation and beautification of our city will be a huge advantage. There is little doubt that another upgrade will be decades in the future and costs will escalate substantially.

In conclusion, let's do this 'Midtown Reliability Project' upgrade by burying our electrical transmission lines, NOW.

Additional Info**Requested Info****Response sent****Response Notes:**

Thank you for your feedback regarding TEP's proposed Midtown Reliability Project. We appreciate your comments and will include them in the project record provided to the Arizona Corporation Commission (ACC).

TEP is planning to provide more than 70 percent of our power from wind and solar resources as part of a cleaner energy portfolio that will reduce carbon emissions 80 percent by 2035. I'd encourage you to view our Integrated Resource Plan, which you can access this at <https://www.tep.com/tep-2020-integrated-resource-plan/>.

Comment Method: Email

TEP, the City, and others put a lot of time and effort into exploring a path to finance the additional costs to underground a portion of this transmission line. With the defeat of Proposition 412 earlier this year, those efforts came to a stop.

The ACC has stated (Decision 79140) that incurring the additional costs to underground a transmission line for purposes other than safety and reliability is inappropriate. As a result of the defeat of Prop 412 and the ACC's policy, TEP is not considering an underground transmission line. Instead, we've started fresh with a new overhead line siting process to identify the least obtrusive route possible.

We hope you continue to stay engaged in the project as details of the project become more defined. You'll be able to find all the latest information on the project webpage at www.tep.com/midtown.

Comment Method: Email

Comment Date 2/1/2024

Category

Concerns Topics

Appearance, Support Underground

Heard About

Issues/Phone Message/Comments

I live in Sam Hughes neighborhood. I want all utilities buried. Anything other than that is an eyesore.

Additional Info

Requested Info

No response required

Response Notes:

Comment Method: Email

Comment Method: Email**Comment Date** 1/30/2024**Category****Concerns Topics**

Location, Support Underground

Heard About**Issues/Phone Message/Comments**

We appreciate the opportunity we had to meet and explore options related to the Midtown Reliability Project. Concerns continue to be voiced, largely in the midtown area. We are working together trying to come up with a solution that will ease concerns without compromising the integrity of the project.

To that end, we note that the Midtown Reliability Project has narrowed route choices and will be exploring options while trying to determine some workable alternatives.

One that has been presented to us would eliminate the transmission line from Kino to Vine, and install a 138kV connection from DeMoss Petrie to Vine. The argument is that two lines, while somewhat desirable for back-up, are not really needed as 138kV transmission lines are very reliable. This would eliminate the controversy about undergrounding along the scenic route or putting the north-south line through neighborhoods. If TEP elected to eliminate the Kino to Vine segment, please explain the impact on the need for the 138kV poles (replacing the 46kV) along that portion of the route, and without triangulating that portion how would residents be impacted in the unlikely event of an outage along that segment.

The line from DeMoss Petrie to Vine would largely be along Grant Rd, which is not a problem. The segment through Jefferson Park neighborhood would need to be undergrounded. Or, alternatively, south on Campbell for a short stretch, reducing the length needed to go through either the University or neighborhood to reach Vine, should be looked at as well. Please keep in mind though that the Campbell segment is still subject to the gateway undergrounding requirements. A special exception could be applied for along that route. The two of us cannot guarantee the outcome of that process.

It is our hope that this alternative be given consideration. We look forward to hearing from you.

Additional Info**Requested Info****Response sent****Response Notes:**

Thank you for your letter, and for your continued engagement in discussions about TEP's proposed Midtown Reliability Project. We appreciate that your proposal reflects input from residents of areas you represent on the Tucson City Council, many of whom also have provided feedback to our project team. All of the comments we receive will help guide our development of a project that is critically needed to support long term electric reliability in central Tucson.

Much of the value this project will provide derives from its design, which will complete a 138-kilovolt (kV) loop around central Tucson by linking our 138-kV DeMoss Petrie (DMP) and Kino Substations to the proposed Vine substation. This design provides much greater reliability and resiliency than would the single, radial 138-kV connection you have proposed, as each substation will be served by separate feeds that allow continued service when one feed is interrupted. While your letter suggests such failures are unlikely, TEP's experience in providing safe, reliable electric service has taught us otherwise. Even the strongest, best-built facilities are subject to failure for multiple reasons,

Comment Method: Email

including external damage, equipment failure, extreme weather, intrusions by animals, and faults caused by trees, tarps or other objects that cross power lines. That's why redundancy is at the heart of resiliency. It provides capacity to accommodate multiple contingencies that could compromise the reliability of a service that supports not just quality of life but life itself in our hot, desert climate.

The looped system we've designed will benefit more than just the areas surrounding the new Vine substation. The Kino Substation near South Kino Boulevard and East 36th Street was designed to be powered through 138-kV links to both the Vine and Irvington substations. The modification you've proposed would leave that recently built substation isolated on a single radial feed, significantly reducing the resiliency of facilities serving an area that includes many neighborhoods and a fast-growing cluster of businesses. We believe these residents and businesses deserve the same level of reliability and climate resiliency as those living in other areas served through looped 138-kV facilities.

While we cannot modify the project as you have proposed, we will note your preference for a link to the DeMoss Petrie substation along Grant Road and your suggestion that a special exception could be used to extend that line south along North Campbell Avenue toward the Kino substation. We would welcome additional feedback regarding other aspects of the project, including the necessary link between the Vine and Kino substations. While you have made clear that you would prefer that line not be built, we would nonetheless value your continued input and guidance as elected representatives of the areas that would be served by this project.

Comment Method: Email**Comment Date** 1/29/2024**Category****Concerns Topics**

Location

Heard About**Issues/Phone Message/Comments**

I am trying to understand the scope of your Midtown Reliability Project. I handle Public Affairs for Union Pacific Railroad in Arizona. If there are any plans to install any utility underneath any Union Pacific Railroad property- each location needs to have a permit and goes through a process to apply for permission to be either alongside or cross active freight lines.

Please advise on the nature of the project in Tucson.

Additional Info**Requested Info****Response sent****Response Notes:**

Thanks for reaching out. We're still in the line siting phase of the Midtown Reliability Project. In short the component of the project Union Pacific would likely be interested in is the proposed 138kV transmission line. We need to build a new overhead transmission line through central Tucson from our existing Kino Substation, located at 36th St and Kino Pkwy, to a new substation near Campbell Ave and Grant Rd, and then to our existing DeMoss Petrie Substation near Grant Rd and I-10. While we don't have a route identified yet, every single one of the routes under study will at least cross the railroad. We are studying a route through the corridor that is the railroad and Aviation Pkwy (AZ 210) with the greatest potential to impact any railroad operations.

You can learn more on our project webpage at www.tep.com/midtown.

I would love to set up a few minutes to discuss in a little more detail the project and any concerns or questions you may have.

Do you have any availability in the next couple of weeks?

Comment Method: Email**Comment Date** 1/29/2024**Category****Concerns Topics****Heard About****Issues/Phone Message/Comments**

Thank you for the info. If you can (as much as possible) avoid UP- that would be great but I realize may not be possible. There is an incredible amount of lead time needed before these projects get approved. We get about 3000 utility agreements each year and they can vary in complexity and scope.

We also don't publicly share information since much of it is proprietary. I will share this information with our department that handles utility type agreements and see if once you are further along- there is an opportunity to meet virtually to make sure folks understand the process of permitting these future sites.

Additional Info**Requested Info****Response sent****Response Notes:**

Understood, and I really appreciate the advice. By early March we expect to have defined route options and by late Summer we expect to have an approved route. We'll plan to touch base with you at each of those points and when appropriate would really appreciate a virtual meeting to discuss any agreements that may ultimately be needed.

Comment Method: Email**Comment Date** 1/26/2024**Category****Concerns Topics**

Location

Heard About**Issues/Phone Message/Comments**

I am guessing you would have less pushback on your proposed 138kV line routing if you went from Kino pw to aviation, aviation to I10, I10 to Grant. If the map you provided in the pamphlet is remotely to scale, the increased distance is 12% and likely a lot less traumatic on your customers. You might be able to use the 9% rate increase to pay for it.

Additional Info**Requested Info****Response sent****Response Notes:**

Thank you for your feedback regarding TEP's proposed Midtown Reliability Project. We appreciate your comments and will include them in the project record provided to the Arizona Corporation Commission (ACC).

No transmission line routes have been identified at this time. At this stage, only segments based upon constructability have been identified within the study area in which potential routes will be considered. You'll be able to find all the latest information, as well as the segments in the "Interactive Map" link, on the project webpage at www.tep.com/midtown. In addition, a public open house will be held on February 8th from 6:00-8:00pm at the Doubletree Reid Park. We hope you can join us.

We hope you continue to stay engaged in the project as details of the project become more defined.

Comment Method: Email**Comment Date** 1/24/2024**Category****Concerns Topics**

Appearance, Location

Heard About**Issues/Phone Message/Comments**

I'd like to submit some comments about the project and won't be able to attend the open house. According to a mailing I received , this is a good email to use to make comments.

I live and work in Midtown. I live a bit east of the directly impacted area , but I travel in the area a lot will need to see it. And I know quite a few people that live in the area, especially nor of campus.

I reviewed the route segments and believe that order to reduce the visual impact on residential areas the new transmission line (Kino to Vine) should go down main arterials and industrial areas, where possible. Preferable, it would; also mostly avoid the U of A campus. From the map, it's a bit difficult to determine which areas are more industrial, specially down south. The simplest way sure seems like going up Kino Parkway to either Rt 210 and up the east die of campus to the vine substation or up Kino to Campbell. I would personally prefer not having to see the line all the way up Campbell, but it's already a fairly built up area. Alternatively If there's a way to route along mostly commercial areas, in order to reduce some visual impact along Campbell or First (north of Rt 210), that would be optimal.

As for connecting the Vine and DeMoss Petrie substations. I would recommend getting up to Grant somehow and then cutting over. It might even be possible to have the two new line run over the same routes north of the University. (Assuming that is technically feasible). It could even save a bit of money.

Also, if you do end up using segment 108 for some reason (although I didn't recommend it), you could piggy back on the improvements planned for Grant between Tucson and Campbell.

I hope my comments are clear. My main point is to try to limit it to main arterials and industrial areas.

Please let me know if you have any questions.

Additional Info**Requested Info****Response sent****Response Notes:**

Thank you for your feedback regarding TEP's proposed Midtown Reliability Project. We appreciate your comments and will include them in the project record provided to the Arizona Corporation Commission (ACC).

We have noted the specific routing preference provided and will take that into consideration as we begin to evaluate these preliminary segments with respect to evaluation criteria informed by public comment.

We hope you continue to stay engaged in the project as details of the project become more defined. You'll be able to find all the latest information on the project webpage at www.tep.com/midtown.

Comment Method: Email**Comment Date** 1/24/2024**Category****Concerns Topics**

Location

Heard About**Issues/Phone Message/Comments**

In my opinion, you should eliminate from consideration Kino Parkway, Campbell Avenue north of Arroyo Chico, Euclid Avenue, and Speedway Boulevard. All of these are entryways into the city of Tucson and should not be defaced with high voltage lines. Doing so would cut into Tucson's touristic appeal and would cost the city future revenue

Additional Info**Requested Info****Response sent****Response Notes:**

Thank you for your feedback regarding TEP's proposed Midtown Reliability Project. We appreciate your comments and will include them in the project record provided to the Arizona Corporation Commission (ACC).

We have noted the specific routing preference provided and will take that into consideration as we begin to evaluate these preliminary segments with respect to evaluation criteria informed by public comment.

We hope you continue to stay engaged in the project as details of the project become more defined. You'll be able to find all the latest information on the project webpage at www.tep.com/midtown.

Comment Method: Email**Comment Date** 1/24/2024**Category****Concerns Topics****Heard About****Issues/Phone Message/Comments**

I live within the Catalina Vista neighborhood and am very excited for the Midtown Reliability Project. My home and my immediate neighbors' homes lost power a few times after these past summer's storms, and I fully appreciate the power upgrades that are needed. The boundaries and segments look great to me. I am happy to continue participating in whatever capacity is helpful from the residents affected.

Additional Info**Requested Info****Response sent****Response Notes:**

Thank you for your feedback regarding TEP's proposed Midtown Reliability Project. We appreciate your comments and will include them in the project record provided to the Arizona Corporation Commission (ACC).

We hope you continue to stay engaged in the project as details of the project become more defined. You'll be able to find all the latest information on the project webpage at www.tep.com/midtown.

Comment Method: Email**Comment Date** 1/24/2024**Category****Concerns Topics**

Location

Heard About**Issues/Phone Message/Comments**

I don't understand how the best route isn't the most direct route, up Aviation and then I-10. 2 major reasons why (and I can't think of a single reason not to). Obviously shorter is cheaper, and that's a major consideration to ratepayers. But on top of that it's already the kind of corridor you would expect to find tall poles. You're going to have fewer residents upset about tall poles in their neighborhood if they're the type to have accepted living in a place that already has traffic and noise. And of course there's a larger percentage of industrial landowners along that route (and fewer landowners in total, given that industrial lot sizes are much larger), so many fewer ratepayers to complain.

If there's a reason that's not your leading route, please take the time to respond, or use your PR department to make more clear why. Among the routes listed in your latest flyer, Aviation then north on Stone then west on Grant would be the best. But not anywhere near as good as simply aviation and I-10.

Additional Info**Requested Info****Response sent****Response Notes:**

Thank you for your feedback regarding TEP's proposed Midtown Reliability Project. We appreciate your comments and will include them in the project record provided to the Arizona Corporation Commission (ACC).

No transmission line routes have been identified at this time. At this stage, only segments based upon constructability have been identified within the study area in which potential routes will be considered. You'll be able to find all the latest information, as well as the segments in the "Interactive Map" link, on the project webpage at www.tep.com/midtown. In addition, a public open house will be held on February 8th from 6:00-8:00pm at the Doubletree Reid Park. We hope you can join us.

We hope you continue to stay engaged in the project as details of the project become more defined.

Comment Method: Email

Comment Date 1/21/2024

Category

Concerns Topics

Heard About

Issues/Phone Message/Comments

I found 100+ pieces of your recent public mailers in the trash at my small housing complex.

The addresses seem to all be for 85705 zip code on east and west Grant Rd., Jacinto, Alturas, Los Altos, Stone, Fontana, Geronimo, Estrella...

This is the informational mailer announcing the February 2024 public events.

These mailers were dumped between Thursday morning Jan. 18 and Sunday Jan. 21.

I found them in the trash can that is sitting on the sidewalk in front of the complex this morning. Pictured in the attached image are only the handful of mailers that I was able to easily grab. More remain in the trash can.

Perhaps coincidentally, the trash can sits where the postal carrier parks on the east side of Stone Ave. to deliver mail to our complex.

I plan to take these to the postmaster at the postal station that is in charge of the neighborhood. I think it may be over on Silverbell.

Additional Info

Requested Info

Response sent

Response Notes:

Thank you for bringing this to our attention!

We'll look into this as well.

Comment Method: Email

Comment Date 1/18/2024

Category

Concerns Topics

Substation

Heard About

Issues/Phone Message/Comments

A couple things occurred to me following the Neighborhood Advisory Group meeting last Thursday evening and the upsetting news that, as of now, the location of the Vine Substation remains as proposed:

1. You mentioned that the U of A is not interested in selling any land near the southern sub-station. A question - is there any land owned by the U of A that would be realistically suitable for a large substation other than the Vine location?
2. Where, within TEP service area, are there 138kV pylons and overhead lines running right down a residential street(s) between homes?

On another note, there is so much illness in our area at the moment, that I am hoping TEP could find a way to present February 8's meeting to the public via Zoom or virtually as well as offering it in person. Obviously, the Open House portion would be in person only, but the subsequent presentation and question and answer could be offered in both formats.

Look forward to hearing back from you.

Additional Info

Requested Info

Response sent

Response Notes:

In answer to your first question. The parcel of land on the south side of the university that would have been suitable for the substation, currently a parking lot was located just west of Warren between 6th and 7th Streets. However, the University was not interested in selling this land to TEP.

To answer your second question, attached is a map that shows where TEP has 138kV transmission lines today that run through or adjacent to residential areas.

And finally, in response to your request to make the open house a hybrid in-person/virtual meeting. Notices of the open house are in the mail already, so we won't be able to change what is currently planned. That said, I would be more than happy to share what will be shared at the open house and have a virtual Q&A on either February 6th or 7th with Jefferson Park if that would work for you. Please let me know and we can work out the details.

I hope you have a great weekend!

Comment Method: Email**Comment Date** 1/17/2024**Category****Concerns Topics**

Location

Heard About**Issues/Phone Message/Comments**

As per your request to resubmit a comment on the Midtown Reliability Project, the University of Arizona backs the 138-kV transmission line along the Euclid Route as it uses existing line space with the least amount of disruption to existing infrastructure.

I have added the Open House to my calendar for February 8th.

Additional Info**Requested Info**

No response required**Response Notes:**

Comment Method: Email

Comment Method: Email**Comment Date** 1/10/2024**Category****Concerns Topics**

Appearance

Heard About**Issues/Phone Message/Comments**

As it continues to become apparent to me, TEP will never (honestly) consider burying their electrical lines under any circumstances, no matter the protests, pleas and honest discussions.

Any replacement poles that will (and have been going up), without notice or visible/audible protest, have been the hideous, humongous, deep rust-colored metal poles. I am certain that you have large quantities of these already in stock since your overall planning for future projects has long be underway. I would like to know how the decision to use such a material evolved. The galvanized material has been around a very long time and the decision to replace it with this rust colored material is a mistake of environmental proportions. The rust-colored ones that have had to be repainted at the base (graffiti, damage, poor quality?) look worse than anyone might have envisioned. The decision to use them needs to be seriously reconsidered. Use your rust colored poles in another part of Arizona but not here in Tucson.

I have noticed that the several galvanized poles that litter the streets here and there seem to be less visible or intrusive on the vision or senses. I would like to, therefore, recommend that the poles to be used in this assault to our skyline, streets and neighborhoods be of the galvanized material instead of the deeply intrusive rust color, to lessen the impact on our views of the skies and mountains, the claustrophobic feel driving down streets lined with said poles, (especially given the tremendously overreaching versions you are presently planning), and to lessen the visual impact on large swaths of pole-lined streets.

I look forward to your addressing this suggestion as part of future planning meetings within your company and with the community at large.

Additional Info**Requested Info****Response sent****Response Notes:**

I apologize for how long it has taken to provide a response. I needed to do some research to understand the history behind the decision to move to the weathering steel poles. I've had the answer since late January, but just haven't had a chance to write and send a response to you.

In early 2002 an internal TEP committee assembled to discuss a change from wood poles, as a standard, to steel poles. As part of that discussion, steel finish was considered. The two finishes that were primarily discussed were galvanized and weathering steel. After several meetings to discuss pros and cons, including discussions with manufacturers and other utilities, the decision was made in mid-2002 to transition to the use of weathering steel poles as a standard. Considerations behind this decision included:

- Aesthetics of galvanized vs. weathering steel – initially installed as replacement poles in line with wood poles. The weathering steel blended better than the galvanized poles.
- Maintenance – painted poles and galvanized poles (when damaged) require some level of maintenance. Weathering steel requires none and provides excellent protection against corrosion.

Comment Method: Email

- Cost – while initial pole cost was considered, it was not a factor in the decision as the cost difference between weathering steel and galvanized steel was negligible.
- Safety – this was not a consideration between weathering steel and galvanized steel, but a consideration between continued use of wood, or transitioning to the use of steel poles for worker safety under energized conditions.

Now you have the background on the decision. As it turns out, aesthetics were one of two major considerations in the choice to make weathering steel the standard pole material.

As we've met with many neighborhoods, elected officials, and agencies over the past several months we've learned of many different preferences for pole material. Some prefer the weathering steel, others galvanized, while others prefer painted poles. We know we can't please everyone, but we have learned that preference in many cases has to do with the local area and the surrounding aesthetic. There may be some areas where one finish over the other would be more appropriate.

As a result, based on the ultimate route approved by the Arizona Corporation Commission, TEP is committed to work with the City and neighborhoods through which the line will pass, so they can provide their voice on pole finish for their specific neighborhood. We won't make this a one size fits all solution.

Further, to address the issue of graffiti. We really can't prevent graffiti from occurring, but TEP is exploring the use of an anti-graffiti coating that would allow us to simply wash the graffiti from the poles when it occurs rather than painting over the top.

Please let me know if you have further comment or questions. Again, I sincerely apologize for how long it has taken to respond.

Comment Method: Email

Comment Date 1/10/2024

Category**Concerns Topics****Heard About****Issues/Phone Message/Comments**

Happy New Year.

Want to see if we could meet and discuss the latest refined segments?

Additional Info**Requested Info****Response sent****Response Notes:**

Thank you for the time this AM. Per our phone conversation, I want to confirm that the UA preferred route for the 138-kV transmission line is as UA has previously stated: along the Euclid line route where existing TEP poles are currently placed. Is this accurate? If so, please take a few minutes to submit this statement and any other comments you have directly to this email address:.

Alternately, you can complete this form: Midtown Reliability Project ([jotform.com](https://www.jotform.com)).

Again, my apologies if this ask is repetitive, and/or redundant or if I was previously unclear regarding how we are receiving information from stakeholders. The MRP is a complete restart for this much needed transmission line; and we are requesting all interested parties/customers to participate via written comments through the above noted channels.

Also, I have confirmed that our next Open House is 2/8/24 at the DoubleTree at Reid Park (SAME hotel as prior Open Houses). Our start time will be 5:30PM. We will have further discussion on opportunities and constraints related to the maps we have released; more Q&A; and another presentation from our Transmission team.

Finally, all of the information received to date, including past presentations, videos, etc. is up on the TEP website Project Page here: Midtown Reliability Project – Tucson Electric Power ([tep.com](https://www.tep.com)).

I hope this helps and I look forward to our next meeting.

Comment Method: Email**Comment Date** 1/10/2024**Category****Concerns Topics****Heard About****Issues/Phone Message/Comments**

Can you clarify if the constraints that were collected in prior group and public settings are included in this assessment in some way, or just the weighted criteria?

Additional Info**Requested Info**

Response sent**Response Notes:**

We ran the GIS analysis of the suitability models with all preliminary segments as an option. We then ran the same analysis, but limited the model by excluding any of the preliminary segments where a constraint was identified. We did include the identified routes from both of these methods in the "Draft Refined Segments", but I can show you the independent results of each at the Advisory Group meeting tomorrow.

Comment Method: Email

Comment Method: Email**Comment Date** 12/30/2023**Category****Concerns Topics**

Appearance, Location, Renewable Energy, Environment

Heard About**Issues/Phone Message/Comments**

I am a resident of Tucson, AZ (Arroyo Chico neighborhood). I'm writing to provide feedback and suggestions regarding the TEP Midtown Reliability Project in Tucson, AZ.

The top 3 priorities are:

1) Avoids or is banned from certain zonings, building away from residential areas. Building should be restricted to commercial, industrial, mixed use, arterial & secondary streets that lack residential units. If residential zoning interferes, build next to and not through the residential areas.

2) Is a multi use infrastructure project beyond electrical infrastructure. Other multi use projects could include environmental/energy resiliency (solar, water, energy storage, built shade) and transportation (extended streetcar line or "BART/Muni style" powered by electric transmission facilities).

3) Looks nice and is an investment. Even if it avoids residential areas, any above ground or other visible built structures should look nice and have some artistic creativity. There should also be adequate planning for required maintenance, unscheduled maintenance, and other infrastructure investments - especially if it impacts residential areas and neighboring communities.

The top 3 location suggestions are:

- 1) I-10/along the railroad
- 2) Grant & 1st
- 3) Speedway & 1st

The top 3 locations to avoid are:

- 1) Arroyo Chico wash/any washes or streets within the Arroyo Chico Neighborhood. Please do not put a huge substation in Arroyo Chico next to the 210.
- 2) Any area already featuring environmental benefits (i.e washes, parks, greenways, etc).
- 3) Any area that would require significant widening of the roadways or seizure of private residential property.

Thank you for asking for suggestions and feedback. Please let me know if you have any questions.

Additional Info**Requested Info****Response sent****Response Notes:**

Thank you for your feedback regarding TEP's proposed Midtown Reliability Project. We appreciate your comments and will include them in the project record provided to the Arizona Corporation Commission (ACC).

We have noted the routing preferences provided and will take that into consideration as we begin to evaluate these preliminary segments with respect to evaluation criteria informed by public comment.

Comment Method: Email

TEP is planning to provide more than 70 percent of our power from wind and solar resources as part of a cleaner energy portfolio that will reduce carbon emissions 80 percent by 2035. I'd encourage you to view our Integrated Resource Plan, which you can access this at <https://www.tep.com/tep-2020-integrated-resource-plan/>.

As a result of a number of comments citing the environmental sensitivities of Arroyo Chico and its importance to the community, the arroyo will be classified as a constraint in our siting study.

Regarding the proposed substation, it will be located on a parcel of land that TEP purchased just west of the Banner University Medical Center on Vine Avenue, just south of Lester Street. TEP conducted a very thorough review of alternative substation sites before purchasing the site on Vine Avenue. After an exhaustive search, followed by reaching out to property owners, the Vine location was the only site within the "load center" that was of a sufficient size and was available to purchase. The Vine location was actually near the northern edge of the "load center" that would meet the project need. If the substation site were located further north/east/west, it would result in a different project and would not allow TEP to retire the eight 46kV substations that have been discussed and to complete the subsequent improvements to the distribution system. In the past year, TEP conducted another search to see if any new properties had become available within the "load center" that would be suitable. Ultimately, the Vine location was deemed the only viable site.

We hope you continue to stay engaged in the project as details of the project become more defined. You'll be able to find all the latest information on the project webpage at www.tep.com/midtown.

Comment Method: Email

Comment Date 12/27/2023

Category

Concerns Topics

Location, Historic, Environment

Heard About

Issues/Phone Message/Comments

Thank you for your prompt response. I am pleased to see my feedback will be part of the project record for the Arizona Corporation Commission (ACC).

I would also like to highlight that other areas have already been removed from consideration in the project. This sets a precedent and I believe similar consideration should be given to our area given its historic status and the unique ecosystem. How often are areas removed from consideration?

I am grateful for the opportunity to contribute to this dialogue. Thank you again for your attention to community concerns. I look forward to seeing how the project adapts and aligns with the needs and priorities of our neighborhood.

Additional Info

Requested Info

Response sent

Response Notes:

In response to your question about how often areas are removed from consideration, TEP is following a simple but comprehensive planning and siting approach, involving five separate phases, to identify transmission line routes. During three of these phases, some sort of analysis will occur resulting in the elimination of route segments under consideration.

During Phase 1, that analysis was based on constructability, can a transmission line be constructed in a specific alignment?

During Phase 3, which is the current phase of the project, we are conducting a suitability assessment. The suitability assessment includes use of GIS (Geographic Information System) to model data for biological resources, overall environmental resources, existing/future residential land uses, historic properties and neighborhoods, noise and communication, native lands, and low-income and/or disadvantaged communities. The feedback provided by you and others regarding the biological and historic concerns in the Arroyo Chico area will be incorporated in these data models. These models are then combined and used to identify the path of highest suitability between the substations. Routes, found to be of lower suitability in comparison will be eliminated from consideration.

During Phase 4, a compatibility analysis will be conducted to further evaluate and refine the possible routes and identify segments that are most compatibility with respect to the evaluation criteria developed in part through public and stakeholder input. This will be the final opportunity to eliminate route segments and will result in identifying a preferred route and possibly alternative routes for the transmission line. These routes would then be included in an application to the Arizona Corporation Commission (ACC) for a Certificate of Environmental Compatibility (CEC) where a single route would be approved for construction, or alternatively the project would be denied.

Please let me know if you have any further questions.

Comment Method: Email

Comment Date 12/20/2023

Category

Concerns Topics

Heard About

Issues/Phone Message/Comments

Is it TEP's position that the City cannot require the undergrounding of any electrical lines, no matter the voltage?

Additional Info

Requested Info

Response sent

Response Notes:

No. TEP's position is that the Gateway Corridor Zone ordinances do not apply to the Midtown Reliability Project.

Comment Method: Email**Comment Date** 12/20/2023**Category****Concerns Topics**

Cost, Location, Support Underground

Heard About**Issues/Phone Message/Comments**

Like with the gateway three years ago and Prop 412, I think TEP is badly misreading the politics. I also think TEP is making a mistake from a business perspective.

Given technological trends, having a good relationship with the City is central to TEP's long-term financial health. Any TEP success in the courts requires antagonizing and undermining the City, which is not an inconsequential thing.

Speaking solely for myself and not on behalf of anyone else, I would simply connect DMP to Vine and underground through Jefferson Park as cost effectively as possible. The UAP requires undergrounding in Jefferson Park and 40 year old case law unequivocally says a City can require undergrounding at the utility's expense.

To get the courts to overturn a 40 year old precedent is an uphill battle, and winning is unlikely to be the victory TEP thinks it is. APS and SRP undoubtedly would love for TEP to be the one to stick its neck out. I just don't think this is worth risking one's head over.

I am happy to game this out with your team in good faith should you desire. My goal is to get this resolved and move on. I don't think spending millions more fighting is wise for TEP for many different reasons beyond the risk of loss.

Additional Info**Requested Info****Response sent****Response Notes:**

Thanks for providing your thoughts Dan. I'll share these with our internal team to consider. I appreciate your offer to further explore this line of thinking and will let you know if there is a desire to do so.

Comment Method: Email

Comment Date 12/13/2023

Category

Concerns Topics

Location

Heard About

Issues/Phone Message/Comments

Could you please tell me if there are any constraints noted by TEP for route 442? Your interactive map shows none but I'm not sure if it is fully up-to-date.

Thank you for your help!

Additional Info

Requested Info

Response sent

Response Notes:

A member of our Neighborhood Advisory Group let us know about the City's plans to close down a lane of traffic along Winsett and to build a multi-use path. We've noted these plans to be considered in the evaluation of the preliminary segments.

The interactive map has not been updated to reflect additional constraints raised at the open house in November or since. We are working on getting that updated.

Please let us know if you have any further questions.

Comment Method: Email**Comment Date** 12/6/2023**Category****Concerns Topics****Heard About****Issues/Phone Message/Comments**

Thanks! When you say current standard, does that mean prior standards were to insulate? Whose standard is that? The states?

We're trying to understand the effects of a downed transmission line given recent events around the country and the prediction of worsening weather.

Additional Info**Requested Info**

Response sent**Response Notes:**

No, we just used different wire sizes in the past with varying electric ratings for ampacity, etc. We have never used insulated wire for overhead 46kV lines. This is typically referred to as "tree wire" and is most often used in areas with a lot of vegetation and it is challenging to keep trees from growing into the lines.

Comment Method: Email**Comment Date** 12/6/2023**Category****Concerns Topics****Heard About****Issues/Phone Message/Comments**

Have the dates and locations for the final two public open houses been set? Neighbors have been asking.

Additional Info**Requested Info**

Response sent**Response Notes:**

The next open house will be on February 8th from 6:00-8:00pm at the Doubletree Reid Park. The following date has not yet been determined.

We hope you continue to stay engaged in the project as details of the project become more defined. You'll be able to find all the latest information on the project webpage at www.tep.com/midtown.

Comment Method: Email**Comment Date** 12/6/2023**Category****Concerns Topics****Heard About****Issues/Phone Message/Comments**

Thanks! Is there like a utility operator body that gives recommendations on best practices that you guys follow? Or anything like that which I can read?

If all of this infrastructure is bare wire, it seems possible that standards may change in that regard soon? Especially in population centers.

Or maybe they won't. Hence, I'd like to read the discussions. It seems like we're still in the early innings of insurers, underwriters, regulators, etc. requiring more robust and less risky infrastructure.

Additional Info**Requested Info****Response sent****Response Notes:**

TEP has its own distribution and transmission standards that we have developed to meet the specific operating environment of our area. These standards meet or exceed those outlined by the NESC (National Electrical Safety Code) and IEEE (Institute of Electrical and Electronics Engineers), which provide industry standards/best practices.

I hope this helps.

Comment Method: Email**Comment Date** 12/5/2023**Category****Concerns Topics****Heard About****Issues/Phone Message/Comments**

Is the current 46kV system bare wire?

Additional Info**Requested Info**

Response sent**Response Notes:**

TEP's 46kV system has been built over many years, with different standards for wire sizes, etc, so it's hard to provide a single answer. But if I understand the gist of your question correctly, you are asking if the current standard for our overhead 46kV system is bare wire, which I interpret as "non-insulated" wire. And the answer is yes. We use a 954 ACSR conductor as a standard, which is the same standard wire we use for our overhead 138kV system. ACSR stands for "Aluminum Conductor Steel Reinforced. So the aluminum is on the outside and that is where the electricity flows and in the center of the conductor are steel strands that provide strength. There is no insulation on the outside of this conductor.

Comment Method: Email

Comment Method: Email**Comment Date** 12/4/2023**Category****Concerns Topics**

Location, Historic

Heard About**Issues/Phone Message/Comments**

On behalf of the Director of Planning & Development Services for the City of Tucson, please see our feedback below.

1. Specific plans of the city within the study area
 - o Area Plans:
 - o Alvernon-Broadway
 - o Arroyo Chico
 - o Grant-Alvernon
 - o Greater South Park
 - o University
 - o Neighborhood Plans:
 - o Blenman Vista
 - o Broadmoor-Broadway
 - o Miles
 - o Jefferson Park
 - o Old Pueblo South
 - o Sam Hughes
 - o West University
 - o Western Hills/Pueblo-Sunland Gardens
2. Specific private development plans the city is aware of within the study area
 - o Suggest reviewing Map Tucson layer with permit data – can view major projects/development underway
3. Applicable ordinances we should be aware of
 - o Applicable Overlay Zones:
 - o Airport Environs Zone
 - o Gateway Corridor Zone – Kino, Campbell, Broadway, Oracle
 - o Grant Road Improvement District
 - o Historic Preservation Zone – Armory Park, Barrio Historico, El Presidio, West University
 - o Infill Incentive District
 - o Major Streets and Routes Plan
 - o Neighborhood Preservation Zone – West University, Jefferson Park
 - o Rio Nuevo Area
4. Areas of concern/conflict
 - o Major areas of concern – Gateway Corridor Zone, Historic Preservation Zones, Neighborhood Preservation Zones
5. Opportunities the city may see for the transmission line, possibly in combination with furthering some of the City's goals and objectives
6. Members of the public or groups the City is aware of that we should reach out to
 - o Potential contacts/outreach:

Comment Method: Email

- o All neighborhood associations
- o Metropolitan Pima Alliance
- o Southern Arizona Homebuilders Alliance
- o Tucson Association of Realtors
- o Tucson Chamber of Commerce
- o Tucson Young Professionals
- o Ward Offices – Ward 1, 2, 5, 6

Additional Info

Requested Info

Response sent

Response Notes:

Great, thank you for the feedback. I've copied Clark Bryner, Manager of our siting efforts, for his information, as well. We'll reach out if we have any further questions. Thanks again.

Comment Method: Email

Comment Date 11/20/2023

Category**Concerns Topics****Heard About****Issues/Phone Message/Comments**

I wasn't able to attend the Open House and meeting on Thursday evening, but I believe you were going to have the load center radius for us, or share a bit more how it is determined.

Additional Info**Requested Info**

Response sent**Response Notes:**

As I mentioned at the meeting last week, in 2018 and 2019 TEP conducted a very thorough review of 10 alternative substation sites before purchasing the site on Vine Avenue. After an exhaustive search for available parcels within a mile of the load center, the Vine location was the only site within the load center radius that was of a sufficient size and was available to purchase. The Vine location is on the northern edge of the load center radius that would meet the project need.

We reviewed the alternative sites (parcel behind Fry's and southeast corner of Grant and Campbell) that were mentioned at the meeting with the distribution engineers to see if these sites could possibly be alternatives.

These locations are beyond of the northern boundary of the load center radius. If the substation site were located further north/east/west, it would result in a different project and would not allow TEP to retire the eight 46kV substations that have been discussed and to complete the subsequent improvements to the distribution system.

In the past year, TEP conducted another search to see if any new properties had become available within the load center radius that would be suitable. Ultimately, the Vine location was deemed the only viable site.

The load center is the geographic center of the electrical system that serves residential, commercial, industrial, and institutional users. This is determined by modeling current and projected electric load growth that will require electrical service.

Let us know if you have any other questions.

Comment Method: Email**Comment Date** 11/17/2023**Category****Concerns Topics****Heard About****Issues/Phone Message/Comments**

Thank you for responding. I would rather not have to spend my time monitoring this and taking time outside of work going to these events. How can I register my Permanent opposition? You are getting paid to wear us down I am not getting paid to defend the value and visuals and safety of my property the biggest investment I will ever make?

Additional Info**Requested Info**

No response required**Response Notes:**

Comment Method: Email

Comment Date 11/17/2023

Category

Concerns Topics

Appearance

Heard About

Issues/Phone Message/Comments

Attached is the proposal from two creative community members that I spoke with you about last night. We appreciate your consideration and encouragement of finding creative solutions that the community and TEP can “live with” while upgrading TEPs capability and reliability for now and the future.

These ideas are from Debra Bowles and Nancy Stromp. I have copied them in the event you have further questions. This is not a PVNA official proposal but it is from active, creative and concerned citizens and we wanted to make sure you had the chance to see it.

Happy Thanksgiving Clark. We appreciate your willingness to think outside the box.

Additional Info

We shared this creative idea with Councilman Steve Kozachik and here is his response.

"You could float it past the complete streets coordinating committee - there's a DTM representative there. My honest feeling though is that there's no way we'll be turning Country Club or other arterials into one-way or no cars for any of the segments w/in midtown. The traffic counts are just too high for that."

I'm thinking, the concept might be able to be applied elsewhere or trigger other ideas.

Requested Info

Response sent

Response Notes:

Great “out of the box” concept proposal. Thank you for sharing! As I mentioned at the open house last night, we’ll be meeting with the City of Tucson Transportation/Mobility and Planning Staff in the coming weeks. We’ll share your concept to see if there is any interest from the City.

Comment Method: Email

Comment Date 11/17/2023

Category

Concerns Topics

Heard About

Issues/Phone Message/Comments

Thank you so much for your message below. Unfortunately an emergency prevented me to attend last night's meeting, but I would be very grateful to hear/read the outcome of the discussions concerning the project.

Should you have some material about this, please feel free to send it to me.

Thanking you again in advance for your cooperation.

Additional Info

Requested Info

Response sent

Response Notes:

All the materials presented at the open house are now posted on the project webpage at www.tep.com/midtown. Should you have any specific questions about any of these materials, we would be happy to set up a phone call to discuss.

Comment Method: Email**Comment Date** 11/16/2023**Category****Concerns Topics****Heard About****Issues/Phone Message/Comments**

So in spite of the people expressing no desire to pay more in bills and being unable to see the need, (because this Canadian outfit is a "corporation" and therefore gets to go by such rules), the discount some people rely on to barely scrape by while everything else is priced higher and higher is now over half canceled out.

I am sorry I am not a particularly well person and wasn't able to make the event to hear about why this was so necessary to provide service as needed. I am also sorry that because I haven't heard this carefully crafted reasoning I do not see the problem with the service here being so large that the already huge amount of money you all must rake in wasn't enough.

It's confusing why people from Canada are charging us for basic needs here in Arizona in the first place. But I suppose it doesn't matter whether I understand or not, as you will obviously do as you please regardless. That's how this world is right? So now the space heaters that were my only source of heat in my uninsulated home will reach the point of being entirely unaffordable before I turn them on. I was barely able last winter with or without the discount that's now worth less than the increase. Summer will be even more lean, too. Can't even afford to fix my ancient swamp cooler.

So thank you for that. I'm sure you'll also need more money to run your new buildings and contraptions, though our service will be exactly the same- just more expensive without a low income discount to keep up. Thanks. I hope you all enjoy your vacations and gas guzzling vehicles when outside your comfortable climate controlled homes.

Additional Info**Requested Info****Response sent****Response Notes:**

Thank you for your feedback regarding TEP's proposed Midtown Reliability Project. We appreciate your comments and will include them in the project record provided to the Arizona Corporation Commission (ACC).

We'd like to encourage you to visit the project webpage at www.tep.com/midtown where you'll find additional information on how the Midtown Reliability Project will help to address reliability in the area. We hope you continue to stay engaged in the project as details of the project become more defined.

Comment Method: Email**Comment Date** 11/12/2023**Category****Concerns Topics**

Location

Heard About**Issues/Phone Message/Comments**

I am a resident of the Sam Hughes neighborhood. We understand the need for the upgraded power supply. Hopefully the larger power poles that were previously being mentioned as going through this neighborhood are no longer being considered. Sam Hughes is such a unique neighborhood, it is the gateway to the University. It seems that there is more pedestrian foot traffic through this neighborhood than any other neighborhood in Tucson. Although reliable power is essential to the community it shouldn't be at the expense of a vibrant community that serves as a benefit to the whole of Tucson.

Additional Info**Requested Info****Response sent****Response Notes:**

Thank you for your feedback regarding TEP's proposed Midtown Reliability Project. We appreciate your comments and will include them in the project record provided to the Arizona Corporation Commission (ACC).

No transmission line routes have been identified at this time, only a study area in which potential routes will be considered. We hope you continue to stay engaged in the project as details of the project become more defined. You'll be able to find all the latest information on the project webpage at www.tep.com/midtown. In addition, a public open house will be held this Thursday, November 16th from 6:00-8:00pm at the Doubletree Reid Park.. We hope you can join us.

Comment Method: Email**Comment Date** 11/12/2023**Category****Concerns Topics**

Location

Heard About**Issues/Phone Message/Comments**

Not that I think you will respond, but here goes ...

Why oh why isn't this "reliability" project running right through the University of Arizona campus? It seems with the new university construction – south of Speedway on the main campus and all the new buildings and infrastructure on the Research/Medical/Sciences Campus north of Speedway, the U of A needs to be participating actively. They are going to benefit from this project the most. There's all sorts of infrastructure already in place above and below ground (a family member has worked in those tunnels, so you can't deny it). It's time for the UA to STEP UP.

Also, it is true that TEP has negotiated a 20-year deal with UA so the University's electric rates won't increase for TWENTY YEARS???

Additional Info**Requested Info****Response sent****Response Notes:**

Thank you for your feedback regarding TEP's proposed Midtown Reliability Project. We appreciate your comments and will include them in the project record provided to the Arizona Corporation Commission (ACC).

To answer your first question, no proposed routes for the transmission line have been identified yet. Preliminary segments, the first step in getting to routes will be shared in the coming days. Please check the interactive map on the project webpage www.tep.com/midtown for those this week.

Regarding your second question, yes that is accurate. And it's no secret. Please take a look at the seventh paragraph of this 2019 press release. Our clean energy partnership with the University of Arizona is designed to help the UA reach its sustainability goals. According to the agreement, which required review and approval by the Arizona Corporation Commission and the Arizona Board of Regents, TEP provides 100 percent clean energy to the UA's main campus. Importantly, per the terms of the agreement, costs for the UA can go up or down based on market conditions. There is no stipulation that guarantees UA rates won't increase for 20 years.

We hope you continue to stay engaged in the project as details of the project become more defined.

Comment Method: Email**Comment Date** 11/10/2023**Category****Concerns Topics**

Location

Heard About**Issues/Phone Message/Comments**

Despite what the city council says I think the line should be all above ground and should follow Kino and Campbell north to Grant and then west on Grant to the other substation.

I live just N of Ft Lowell and just W of Campbell.

Additional Info**Requested Info****Response sent****Response Notes:**

Thank you for your feedback regarding TEP's proposed Midtown Reliability Project. We appreciate your comments and will include them in the project record provided to the Arizona Corporation Commission (ACC).

We hope you continue to stay engaged in the project as details of the project become more defined. You'll be able to find all the latest information on the project webpage at www.tep.com/midtown.

Comment Method: Email**Comment Date** 11/9/2023**Category****Concerns Topics**

Support Underground

Heard About**Issues/Phone Message/Comments**

Start listening to the Tucson community!

We want the option of UNDERGROUND lines for the Midtown Reliability Project

Additional Info**Requested Info****Response sent****Response Notes:**

Thank you for your feedback regarding TEP's proposed Midtown Reliability Project. We appreciate your comments and will include them in the project record provided to the Arizona Corporation Commission (ACC).

TEP, the City, and others put a lot of time and effort into exploring a path to finance the additional costs to underground a portion of this transmission line, with the defeat of Proposition 412 earlier this year those efforts came to a stop.

The ACC has stated (Decision 79140) that incurring the additional costs to underground a transmission line for purposes other than safety and reliability is inappropriate. As a result of the defeat of Prop 412 and the ACC's policy, TEP is not considering an underground transmission line. Instead, we've started fresh with a new overhead line siting process to identify the least obtrusive route possible.

We hope you continue to stay engaged in the project as details of the project become more defined. You'll be able to find all the latest information on the project webpage at www.tep.com/midtown.

Comment Method: Email**Comment Date** 11/9/2023**Category****Concerns Topics**Cost, Location, Support Underground,
Historic**Heard About****Issues/Phone Message/Comments**

I am sorry, but I have looked at the money that TEP has and it seems more than enough to underground what you should underground, esp in the center of the city and in historic neighborhoods.

I am not buying the idea that TEP does not have the money to underground the new lines, or at least part of them.

Thanks for your reply..

Have a good day.

Additional Info**Requested Info**

No response required**Response Notes:**

Comment Method: Email**Comment Date** 11/7/2023**Category****Concerns Topics**

Appearance, Location, Property Value

Heard About**Issues/Phone Message/Comments**

I have been concerned for several months about the above project and would like to comment on the details contained in your Energy Grid Update Flyer.

Even though I had filled-in your August survey indicating my personal preferences, I still would like to make my little voice heard on the following fact:

I own/live in a 3 story building at the Corner of 6th & Campbell (Sam Hugues at the Corner). One of the best attributes of this building is the incredible view from the balconies on the whole western-facing façade.

However, if I understand correctly, the project in question is to run poles along Campbell right in front of our building. A series of tall poles and spans of wires would completely destroy the views and have a great impact on the property value.

I would appreciate if this feedback would be taken into consideration and if something can be re-done to protect our "corner building".

I will definitely attend the 16th November meeting and hope to be able to have a discussion with one of your team.

Additional Info**Requested Info****Response sent****Response Notes:**

Thank you for your feedback regarding TEP's proposed Midtown Reliability Project. We appreciate your comments and will include them in the project record provided to the Arizona Corporation Commission (ACC).

No transmission line routes have been identified at this time, only a study area in which potential routes will be considered. We hope you continue to stay engaged in the project as details of the project become more defined. You'll be able to find all the latest information on the project webpage at www.tep.com/midtown. We look forward to seeing you at the public open house on November 16th from 6:00-8:00pm at the Doubletree Reid Park.

Comment Method: Email

Comment Method: Email

Comment Date 11/7/2023

Category**Concerns Topics**

Renewable Energy, Substation

Heard About**Issues/Phone Message/Comments**

Thank you. The benefits of the project to the community are more apparent to me now. The agency briefing ppt. was particularly helpful.

I have two new questions.

1. We are not within the area currently served by Winnie substation. Our house sits at the junction of areas served by two substations, one at Sparkman and one at Hedrick. Do you mean to say that the area north of Winnie service area and south of Ft. Lowell is susceptible to being shifted into the service area of the Vine substation?
2. To what degree are approved future renewable energy supply projects driving the project need?

I also have several recommendations for your communications team (not for responding to me individually, but for project communications in general):

1. Continue responding to individuals like myself who appreciate facts. I had missed the dropdown that had the agency briefing but you brought it to my attention this way.
2. Benefits from the removal of substations and line south of the project area could be explained or shown better. It seems like a big deal to me.....but it's not on the GIS even.
3. Provide more convincing evidence that energy demands from commercial (outside of UA-Banner complex) and residential has gone up or will go up. Showing is better than telling.
4. Explain the benefits of loops—anything besides redundancy?
5. Provide more info on website regarding the difference between Vine and the old substation designs. I don't know what benefit the gas-insulated type provides, but I am sure there are benefits. I would guess there may be security concerns with the old substation designs.
6. Provide cost comparison referenced in briefing.

Additional Info**Requested Info****Response sent****Response Notes:**

Thank you for the great feedback on how TEP might better communicate with the public in general on this project. I have passed those comments along to our Communications folks, and will also try to do a better job myself of making those points.

As far as answers to your new questions:

1. Yes, it is possible that the area would normally be served by the Vine Substation in the future. It all depends on how the distribution circuits are reconfigured following the construction of the new 138kV Substation and the retirement of the older 46kV substations. TEP does not currently have plans to retire the 46kV Sparkman or Hedrick substations, but we may look for ways to remove some of the customer load from those substations and place it on the 138kV system which has much more capacity.
2. Most large future renewable energy projects will occur in rural areas where space is available. These projects would

Comment Method: Email

utilize TEP's existing extra high voltage system, other available transmission, or new lines to bring that energy into the metro area for consumption. This project is really for local use, but would have the benefit of bringing more energy, be that from a renewable resource or otherwise, into the Midtown area. The project need is not driven by renewable energy, but is really driven by capacity constraints on the existing 46kV system and the need to address the aging 46kV system throughout the project area.

Again, I hope these answers are helpful. Feel free to continue to reach out with any other questions you may have.

Comment Method: Email**Comment Date** 11/7/2023**Category****Concerns Topics**

Do not Support Underground

Heard About**Issues/Phone Message/Comments**

You've covered my concern about unnecessary undergrounding. I hope the Tucson City Council will accept the ACC's ruling and amend the City Code or provide an exception for this new line.

Some residents in Blenman Elm have specific concerns about siting the line. Undergrounding was my only concern, so I don't feel comfortable representing my neighborhood on the advisory committee. I hope you and Teresa find a good representative and that the process is a win/win for everyone.

Additional Info**Requested Info**

No response required**Response Notes:**

Comment Method: Email

Comment Method: Email**Comment Date** 11/7/2023**Category****Concerns Topics**Cost, Appearance, Location, Support
Underground, Historic**Heard About****Issues/Phone Message/Comments**

I have a few general comments and a few specific comments.

General

1. Are all the criteria weighted the same for the evaluation ranking ? If not, what is the relative weighting ? What happens if a specific criteria has no impact on a proposed segment; how is that accounted for in the summation?
2. In developing the criteria, was analysis done to see whether there is "self-cancelling" or "self-fulfilling" between or among the criteria ?
3. Are the qualified experts who will assist with the criteria evaluations (land use planner, archaeologist, biologist, environmental resource, etc), are they TEP employees? Outside consultants ? Have they been involved with the project previously ? Will the answers be the same as previous renditions ?
4. Why isn't there an "opportunity" to route the transmission line thru the U of A campus? As one the major users and impetus of this project, one would think they would like to see a direct and cost effective routing.
5. I believe TEP is making a big error in not pursuing undergrounding this project and future projects. I know this adds significant cost but shows TEP is a partner with the city in improving visual aspects of your significant engagement and impact to Tucson.
6. See number 5 again.

Specific criteria

- 2 Construction costs - should include a criteria for undergrounding costs (or, see my last item)
 - 4 Residential property - If I read this correctly, there is no evaluation of routes along where multi-family or apartments are located? Or is it the opposite in that routes will be focused away from single family residential areas and focus on multi-family & apartments areas? Why one over the other?
 - 5 Historic areas - not sure why these areas have more sway than non-historic areas ?
 - 6 Impact on views - Is visual blight a key determinate for this criteria? It is for me.
 - 11 Compliance with ordinances, regulations - is this where Gateway corridors come into the evaluation?
 - 14 Use of existing corridors - I like this approach for the criteria. But does your evaluation consider using an existing corridor to install new poles and then retrofitting the existing lines onto the new poles as a method to reduce overall pole count ?
- XX - why not add a new criteria that would evaluate the extra cost for undergrounding the new transmission line. It is going to be the main issue in the end.

Comment Method: Email

Overall Question

What is TEP's intent on how to portray the neighborhood advisory sessions when, so far, 10% of the affected neighborhoods had representatives at the first meeting? If that

See ya'll Thursday.

PS...the Sunday newspaper article noted a concerned comment (not by TEP) that there will be 110' poles. Is that accurate as that height pole was not in the package at last meeting.

Additional Info**Requested Info****Response sent****Response Notes:**

Thank you for your thoughtful review and comments. I've tried to answer your questions in red within your original beneath where you've posed each question.

We'll plan to discuss your comments on the criteria with the group tomorrow evening.

Lastly, I just want to address your comment on undergrounding. I certainly hear what you are saying, so I don't want you to think that myself or TEP is ignoring you or other members of the community who feel similar. TEP, the City, and others put a lot of time and effort into exploring a path to finance the additional costs to underground a portion of this transmission line, with the defeat of Proposition 412 earlier this year those efforts came to a stop.

The Arizona Corporation Commission has stated (Decision 79140) that incurring the additional costs to underground a transmission line for purposes other than safety and reliability is inappropriate. As a result of the defeat of Prop 412 and the ACC's policy, TEP is not considering an underground transmission line. Instead we've started fresh with a new overhead line siting process to identify the least obtrusive route possible.

Thanks again for taking the time to consider the draft evaluation criteria and to provide your thoughts.

I look forward to seeing you tomorrow evening.

- For the suitability analysis, TEP will develop models for each specific criteria. Each model will show gradients from high suitability to low suitability. Composite models will then be created, where we'll combine all the criteria into a single model. TEP will create multiple versions of these composite models based on different priorities. This is where weighting comes into play. Typically, we'll create an Environmentally Preferred Model, where criteria reflect environmental concerns are given greater weight. We'll also create a Balanced Model, a Public Preferred Model, and a Construction and Maintenance Preferred Model. If a specific criteria does not apply to a proposed segment, it is just given a 0 sum value so it has no influence negative or positive on the final result.

- We certainly tried to identify the criteria in a way that would provide a fair representation, and are trying to avoid anything that would appear as if we were "gaming" the results. If you see anything you are concerned about, I would love to discuss and possibly change it.

- The qualified experts are a mix of internal TEP employees and consultants. For the technical aspects they are generally TEP, for Environmental generally consultants. Some were involved with the project previously, but about

Comment Method: Email

75% are new to the project like myself. While some evaluations have some subjectivity, many are data driven so if the criteria is the same, I would expect the same answer. That said, our approach and method is not identical to what was used for the Kino-DMP project. I'm as eager as anyone to learn the outcome, but I don't know what that will be right now.

- This is something we're asking for feedback on at this stage of the project. The opportunities we're showing currently are not the only opportunities. They represent the high level opportunities. If you, or others, know of an opportunity through the U of A campus or anywhere else, we would love for you to share that and then we can explore it to determine if it is feasible.

- As we discussed, TEP has invited all neighborhoods to participate, but we can't force anyone. I look at the Neighborhood Advisory Group as a sounding board of the community as a whole. It allows TEP to get feedback and make changes to the project with a smaller group of individuals so that when it goes to the public as a whole, hopefully what is presented is more in line with the community's values.

- I'm not sure where they got their information from for the article. I know the Kino-DMP project stated that TEP would use poles up to 110' tall, so I'm assuming that was the source. Similarly, we may have a couple of poles that are that tall on the current project in areas where we're crossing an overpass or something. However, those taller poles are the exception not the rule.

Comment Method: Email

Comment Method: Email

Comment Date 11/6/2023

Category**Concerns Topics**

Cost, Renewable Energy, Do not Support Underground

Heard About**Issues/Phone Message/Comments**

I urge you to create an advisory group for the Midtown Reliability Project that is representative of all TEP customers. The neighborhoods in Central Tucson should, of course, weigh in on the specific route for the line. But, all TEP customers should have a say whether or not to underground portions of the line at a huge differential cost to all of us, while only a few would benefit.

If TEP is only advised by neighborhood representatives throughout the line siting process, you will only hear a selfish, NIMBY perspective. I live in Blenman Elm and am against unnecessary undergrounding as are many others, as shown by our defeat of Prop 412. We are as deserving of an advisory voice as any neighborhood representative selected for his or her advocacy for undergrounding.

Delay in installing new transmission lines is a key factor in delaying the rapid transition to renewable energy, which is long overdue. I urge you to move this project ahead quickly, with above-ground installation of the line in the least obtrusive way possible.

In this case, ARS 48-620 should supersede Tucson's code that requires undergrounding under certain conditions with no reference re how to pay for it. Please cite ARS 48-620 and invite any neighborhood to pay for undergrounding its own portion of the line. A 5 or 10-year tariff on neighborhood residents' electricity bills could be used for this purpose.

If every neighborhood had to vote on optional undergrounding, you would find absolutely none willing to pay for it. Having the City pay the differential cost of undergrounding is not the answer. It's all our money, whether as TEP customers or City taxpayers. All Tucsonans need to decide whether to spend our money on undergrounding or something much more important to all of us.

Please consider all Tucsonans' perspectives when the undergrounding decision is being made.

Thank you for considering this request.

Additional Info**Requested Info****Response sent****Response Notes:**

Thank you for reaching out and providing your thoughts. While TEP, the City, and others put a lot of time and effort into exploring a path to finance the additional costs to underground a portion of this transmission line, with the defeat of Proposition 412 earlier this year those efforts came to a stop.

The Arizona Corporation Commission has stated (Decision 79140) that incurring the additional costs to underground a transmission line for purposes other than safety and reliability is inappropriate. As a result of the defeat of Prop 412 and the ACC's policy, TEP is not considering an underground transmission line and has started fresh, a new overhead line siting process to identify, as you've stated, the "least obtrusive" route possible.

Comment Method: Email

Blenman Elm is in the heart of the project study area. We would love to have a representative from the neighborhood on the Advisory Group. Teresa Bravo (copied) has been coordinating with your neighborhood's board to identify a designee. If you are interested, I would urge you to contact the board. We're meeting again this Thursday evening.

Comment Method: Email

Comment Method: Email

Comment Date 11/6/2023

Category**Concerns Topics****Heard About****Issues/Phone Message/Comments**

Hi All, Please accept the attached document (identical to that pasted inline below) as response for the proposed evaluation criteria 5. for the MRP in advance of this Thursday's meeting.

Thanks for providing the proposed evaluation criteria for our review.

I am writing to request removal of Evaluation Criterion 5., regarding historic properties or districts adjacent to the transmission line. This is a fundamentally unfair criterion that undermines the worthy intentions of Evaluation Criterion 1.

Using "historic properties and neighborhoods" as a criterion for favored treatment is implicitly biased and should be removed. (I am not speaking to the archaeological site assessment for historic and pre-historic sites, only the favoritism toward city, state, and federally designated places described in the "Detailed Description" section of Criterion 5.)

Even historic preservation professionals (including all those in Arizona's State Historic Preservation Office) acknowledge that the way historic properties and neighborhoods have been identified and registered is fundamentally unfair. The 2023 Arizona Historical Preservation Conference was held in Tucson Oct. 25-27, where a major theme was how to confront the problem that historic designations historically only protect "white people stuff."

A common example given to illustrate the inequity is that Thomas Jefferson's Monticello home has been protected with historic designation, while the property's slave quarters were not.

In downtown Tucson, an analog example is that historically anglo sections of downtown (The Presidio and the Mansions of Main Ave.) were protected and now stand as a Historic Preservation Zone, while the so-called "slums" of the Hispanic section of downtown were razed to install the Tucson Community Center. Even the remnant of that demolished historic barrio, known as "Barrio Viejo," became almost exclusively owned by wealthy white people, then categorized as a City of Tucson Historic Preservation Zone.

It is important that TEP has recognized that, historically, large utility projects have been jammed through disadvantaged communities. It is great that the company is accounting for this and trying to take a fair and inclusive approach to route selection.

Unfortunately, special consideration for historic properties and neighborhoods undermines this attempt at equitable transmission line placement. It gives preference to the over-advantaged neighborhoods that have had the extra time, money, and organization required to achieve "historic" status.

Becoming recognized as a historic district or property is a time-consuming process that requires a significant investment of resources and buy-in from a majority of community members. But the designation does not mean that one district in the city center is necessarily more unique or deserving of preservation compared to another across the street.

Today, almost any community in which 51% of structures were built prior to 1973 can receive historic designation. Jefferson Park recently announced that it has become Tucson's 31st historic district. The neighborhood reported that it raised \$38,000 to pay for the required inventory study and application to achieve this designation.

Comment Method: Email

These resource-investment requirements have historically been an impediment to inclusion of disadvantaged communities. Besides lacking the luxury of free time to organize and assist with the years-long application process and the finances to enlist consultants to make application, disadvantaged – often minority – communities lack the third important requisite for historic designation: Trust.

Historic Preservation requires the assent of district residents. They must foresee that the rules and responsibilities imposed by government bodies will be reasonable and provide a community benefit. Disadvantaged communities and oppressed populations are commonly suspicious of the power structures who would impose special zoning restrictions on their neighborhoods. They also commonly see historic designation as a detriment that will drive gentrification, inflate housing costs, displace residents and ultimately break up communities.

Currently there are applications in the works for state and national register historic designation for the perennially disadvantaged neighborhoods of Mission Gardens and Barrio San Antonio. These applications are being funded by outside groups. While these are fledgling efforts by those in the historic preservation community to remedy historical inequity, it will be decades before the built-in preservation prejudices of the past are overcome.

For TEP to choose officially-designated historic areas and avoid them when locating transmission lines is to further amplify the effects of historically unfair public policies.

In addition, so long as TEP and other infrastructure projects offer legacy favoritism to historic districts, you provide a perverse incentive for neighborhoods to apply for historic designation just to keep projects out of their yards. In at least two recent cases, applicants described, discussed, and promoted that a primary benefit of historic designation is to thwart public infrastructure projects in and around their neighborhoods. This was done openly by the Rincon Heights Historic District around 2013 in an effort to stop the expansion of Broadway Boulevard, then again by the Sunshine Mile Historic District as a means to prevent Kino to DeMoss Petrie 138 kV lines from being installed along the previously-selected DMP Route 1A. Neighborhoods now know that evaluation criteria favoring historic districts are likely to be used. Thus, populations of means use historic designation as a tactic to repel transmission lines.

Finally, there are so many historic properties, neighborhoods, and districts in the Midtown Reliability Project Area, that it forms a veritable blockade to project completion. Please consider this GIS map of Tucson's historic places:

https://www.tucsonaz.gov/files/sharedassets/public/v/1/city-services/planning-development-services/historic-preservation/documents/22x34_nrhds_zones_index_011122.pdf

Evaluating every possible proposed route for one that would have the highest score for avoidance of historic properties will require an incredibly complex algorithm, with a weighted scoring rubric for each different type of property (individually listed, contributing, non-contributing, eligible, ineligible, district, neighborhood, preservation zone, national, state, or city-designated), that the evaluation would need to come down to a per-square-foot measurement of adjacency to historic resources weighted by resource type. It seems impossible to properly evaluate the impacts based on the vague Suitability Assessment and Compatibility Analysis described for Criterion 5.

Given these challenges, and the fact that historical designations have not been equitably awarded in the past. It is best that Criterion 5 be abandoned.

Thank you very much.

Additional Info

Requested Info

Comment Method: Email~~REQUESTED~~

Response sent***Response Notes:***

Thank you for the detailed and thoughtful response. You make a compelling argument. Before we remove Criteria 5 outright, or modify it, I'd like to discuss your thoughts with the Advisory Group on Thursday evening.

Arizona Revised Statute 40-360.06 provides factors that must be considered by the Arizona Power Plant and Transmission Line Siting Committee when making a decision to approve or deny an application for a Certificate of Environmental Compatibility. Amongst those factors are historic properties (#5). That is why we typically consider this as a siting criteria. That said, the statute does not explicitly require that TEP consider historic properties at this stage of siting.

Comment Method: Email

Comment Method: Email

Comment Date 10/31/2023

Category**Concerns Topics****Heard About****Issues/Phone Message/Comments**

It might be useful to collect some numbers associated with the 46kV transmission lines so that they would be available for some possible future discussions.

In particular, those numbers might be useful for supporting a statement such as “The idea of running above-ground transmission lines through midtown Tucson residential neighborhoods is not a new idea. Many miles of above-ground 46kV transmission lines currently exist in residential neighborhoods in the TEP Midtown Tucson Reliability Project study area and they have existed in those residential neighborhoods for decades.”

The following numbers would be useful:

- (1). The total number of miles of 46kV transmission lines in the TEP study area.
- (2). An estimate of the total number of miles of 46kV transmission lines in the TEP study area that run through residential areas.
- (3). The total number of miles of 46kV transmission lines that are expected to be retired along with the eight specified 46kV substations when the Midtown Reliability Project is complete.
- (4). The total number of miles of 138kV transmission lines that would be installed if the shortest possible route was selected.
- (5). The total number of miles of 138kV transmission lines that would be installed if a worst case route was selected.

It might also be useful to subdivide the list of 62 neighborhoods in the TEP study area into two separate lists. One list would contain the names of neighborhoods that have 46kV transmission lines in and/or along the border of the respective neighborhood. The other list would contain the names of neighborhoods that do not have transmission lines in and/or along the border of the respective neighborhood.

It might also be useful to create a list of the names of the neighborhoods that currently have 138kV transmission lines in and/or along the border of the respective neighborhood. The South Park Neighborhood is one such neighborhood.

If you are able to determine this information, please let us know the resulting data.

Additional Info**Requested Info****Response sent****Response Notes:**

I apologize for the incredibly slow response to your inquiries. I've included in red below, answers to each of your questions. I've also attached a file that contains the lists requested.

Comment Method: Email

Thank you asking these thoughtful questions, I had not looked at the current picture in this light before and seeing the answers to you questions is very insightful. I'm copying Joe Barrios and Adriana Mariñez on my response. Joe oversees our communications and I think your thoughts will be insightful to him as well.

Please let me know if you have any additional questions or thoughts.

- 40 miles of overhead 46kV in the Midtown Reliability Project study area today.

- 29 miles of overhead 46kV located within or immediately adjacent to residential areas within the Midtown Reliability Project study area today.

- 18 miles of overhead 46kV lines would be removed once the Midtown Reliability Project is complete.

- This is a little presumptive at this stage in the process, but the straight line distance from the DMP Substation, to the proposed Vine Substation, to the Kino Substation is a little over 6 miles. Based on the former Kino-DMP project, the shortest actual route was just over 7 miles.

- Again, a little presumptive at this point, but the longest route identified in the former Kino-DMP project was just over 8 miles.

Comment Method: Email

Comment Date 10/30/2023

Category**Concerns Topics****Heard About****Issues/Phone Message/Comments**

Recently I have become involved with the local electrical company, Tucson Electric Power (TEP), in addressing local/Tucson energy needs and resources. The meetings with TEP have been most interesting (Understatement!) and productive, i.e. establishing TEP/Consumer communications in terms of questions, concerns, and future prospects.

The meetings with TEP are public meetings. The next Tucson TEP meeting will be November 16 from 6:00 - 8:00 at the Randolph Park Doubletree Inn. I encourage all and every Tucson resident to attend these important meetings ... First to learn about what TEP is doing in terms of energy and, then, to voice questions and concerns regarding TEP prospects and policies regarding public energy.

And, with so many changes and challenges regarding public energy, these TEP public meetings are ever so important. Tucson residents, "MARK YOUR CALENDARS!!!" for Thursday, November 16 evening from 6:00 - 8:00 PM at the Randolph Park Doubletree Inn.

In preparation for the TEP November 16 meeting, the following New York Times feature may be of interest:

Energy Dept. Pours Billions Into Power Grids but Warns It's Not Enough: America's electric grids may need to expand by two-thirds by 2035 to handle future growth in clean energy, the agency said. The nation isn't on track.

<https://www.nytimes.com/2023/10/30/climate/energy-department-electric-grid.html?smid=em-share>

Again, The New York Times delivers ...

Additional Info**Requested Info**

No response required

Response Notes:

Comment Method: Email

Comment Method: Email**Comment Date** 10/29/2023**Category****Concerns Topics**

Location

Heard About**Issues/Phone Message/Comments**

How very much we enjoyed and appreciated the TEP Midtown Reliability Project Advisory Group meeting of Wednesday, October 25. The information was most welcome and much appreciated. Thank you for taking the time to answer questions and address concerns.

During the presentation, you said that TEP has been replacing older 46kV transmission line poles with newer metal poles that are similar in appearance and height to the proposed 138kV transmission line poles.

Based on that statement, it seems reasonable to consider street segments that are currently used for 46kV transmission line poles as opportunities for use with 138kV transmission line poles. That is, the appearance of the new transmission lines and transmission line poles would not differ significantly from what is currently there or planned to be there as TEP continues to replace 46kV transmission line poles.

The presentation slide “The Retirement of Aging Assets” shows eight 46kV substations that may be retired and the transmission lines that connect them. It would be useful to know if there are other 46kV substations and/or associated transmission lines that are located in or near the study area.

If there are additional transmission lines that are not shown on that slide, they may be located in additional street segments that represent opportunities for placement of 138kV transmission lines and poles. Looking at Google maps, it appears as though there is an existing substation at the Southeast corner of West 4th Street and North 11th Avenue. It also appears as though there is a substation Northeast of the intersection of East Speedway Boulevard and North Country Club Road.

Again we do appreciate TEP Advisory Group meetings. And, most assuredly we welcome whatever information you might provide addressing our concerns and comments.

Additional Info**Requested Info****Response sent****Response Notes:**

You're welcome, and thank you, we very much appreciate your participation in the advisory group. Thank you for providing these additional thoughts. You are absolutely correct, TEP's "Tucson Substation" is located at West 4th Street and North 11th Avenue and TEP's "Country Club Substation" is located at East Speedway Boulevard and North Country Club Road. Both of these substations will remain in-service once the Midtown Reliability Project is complete. But there is no reason that the sub transmission lines serving them cannot be seen as opportunities to site the new 138kV transmission line.

In addition to the two substations you pointed out, there is another, TEP's "Hedrick Substation" located at East Hedrick Drive and North Wilson Avenue.

I'll be sure the 46kV sub-transmission lines serving these substations are shown as opportunities and we'll explore

Comment Method: Email

their feasibility for use as a 138kV transmission path. These will be reflected on the maps we discuss at our next advisory group meeting on 11/9.

Comment Method: Email**Comment Date** 10/26/2023**Category****Concerns Topics**

Cost, Support Underground

Heard About**Issues/Phone Message/Comments**

I don't think the ACC Policy Statement helps TEP very much here, if at all.

40-360.06(D) says: "Any certificate granted by the committee shall be conditioned on compliance by the applicant with all applicable ordinances, master plans and regulations of the state, a county or an incorporated city or town, except that the committee may grant a certificate notwithstanding any such ordinance, master plan or regulation, exclusive of franchises, if the committee finds as a fact that compliance with such ordinance, master plan or regulation is unreasonably restrictive and compliance therewith is not feasible in view of technology available." Emphasis Added.

Sargent & Lundy wrote that undergrounding is technologically feasible. These ordinances are not new and do not restrict TEP from running a transmission line. The argument that the City told TEP the ordinances did not apply here is not one I would waste money on. It's highly unlikely to succeed.

As someone that dealt with the C suite at energy companies at least as big as UNS while an investment banking analyst and worked on very large development projects in NYC while advising the NYU administration, I genuinely don't understand TEP's strategy.

The cost to ratepayers is something like 10c a month on a \$100 electric bill to comply with the community's plans as expressed in its ordinances and otherwise. These ordinances aren't new. TEP tried to override or get this funded by other means. At a certain point, you have to just pivot to doing what the community wants and pass those costs to ratepayers. Nobody can claim TEP didn't try but if this is genuinely an urgent issue, then it needs to quit messing around.

As far as I know, Chandler had no similar ordinances so TEP is in a much worse negotiating position. Yet, despite this, TEP seems to be demanding far more compromise than SRP achieved. Trying to outright defeat/ignore the community's ordinances is a very dangerous long-term game from a business standpoint. Goodwill is a hard thing to get back.

If you want to pursue real compromise with the neighborhoods, the City and the UA, I am game to do so. The current FA does earmark fees toward undergrounding, which means you just need a City Council vote. But to get that, you need community support behind a plan that the community actually supports.

Additional Info**Requested Info****No response required****Response Notes:**

Comment Method: Email

Comment Method: Email**Comment Date** 10/26/2023**Category****Concerns Topics**

Cost, Appearance, Location, Historic, Safety, Reliability, Environment

Heard About**Issues/Phone Message/Comments**

Criteria refinements and thoughts:

1. Balanced distribution of low income communities (% tracts that are below x% AMI on proposed route is less than xx%). With current federal/supreme court shifts, I would be cautious about race/ethnicity-based considerations, although it appears native lands need to be called out per state statute.
2. Increase reliability from current
3. Cost of transmission and distribution line construction (the substation, etc. is a fixed cost independent of the siting and not needed unless proposing to move it)
4. Maximize line that is NOT in R1, 2 or minimize construction in single family residential zoning (% line in R1 and R2 minimized – not sure what grant corridors and Euclid corridor are, for example, but consider where there will be commercial and density)
5. Road width and road easement width are over xx', etc. (e.g., Grant widening creates opportunity, while Country Club is too narrow already with really small area between sidewalk and street, and width of street).
 - a. Or is road width more about Safety: consider the distance and speed on route, and maximize the physical proximity to the bike path or roadway (accidents and damage) together with minimizing speed on the roadway.
6. Impact on views seems vague – it's midtown. Maybe have a measure more related to existing poles/wires, where average height and density of existing poles and heights compared to proposed number and height average for the route – and that this % isn't increased by more than x%?
7. Minimize R1 and R2 percentages along length of proposed siting (x% of route is non R1/R2 of total length)
8. Minimize historic properties or neighborhoods along length of proposed siting (% of total length)
9. Reduce overall infrastructure visible to residents (# poles, % of distribution lines that can be buried relative to current).
 - a. Maximize distribution and comms line length that can be undergrounded under transmission line (%)
 - b. Reduction in number of existing poles of given heights
10. Minimize number of turning poles needed along pedestrian routes (big poles impede sidewalk?)
11. Safety:
 - a. consider pole placements that reduce impact on visibility from side streets for pedestrians, bikes, and cars crossing

Comment Method: Email

- b. ADA compliance (I notice on country club poles are in the sidewalk right of way. This shouldn't be happening.)
12. Transit impacts: no idea what impact on public transit in future could be – plans for transit corridors for example (trolley tracks or light rail);
13. Environmental impacts – not sure how to measure – poles on the sidewalk easement disrupts tree planting or other shade options. Massive steel is a major environmental lifecycle cost – what is the return for carbon footprint? What are the options for reducing that through innovation in engineering poles. I keep thinking TEP has some community “gifts” that should come along with this project for good will – a tree planted per pole put up; shade along walkways for every new pole or mile of line sited; sale of the substation properties for affordable housing or gift them to the city for affordable housing development to their new non-profit; setaside from project for procuring more greenway for pedestrians in City, etc.

Opportunities

- Could pole design somehow become more than simply functional structures for holding wires. Tucson is home to the company responsible for palm tree and fir comms towers (that's not a complement), but could the poles serve other functions like shade or ...

Constraints

- Do not leverage greenways or parks for new infrastructure
- Do not put in new poles if existing poles can be leveraged or replaced, even if with taller poles
- Sam hughes will continue to resist anything, which isn't necessarily reasonable, but the west end along with university is a relevant constraint, as it serves as open land for many walkers moving across Campbell to campus

Additional Info**Requested Info****Response sent****Response Notes:**

I really appreciate your thoughts on this Meredith! I'll incorporate these into a draft of more detailed criteria that we'll distribute to the advisory group early next week.

Comment Method: Email**Comment Date** 10/20/2023**Category****Concerns Topics**

Historic

Heard About**Issues/Phone Message/Comments**

Just to clarify, when I said there are degrees of historic, below is what I was referring to.

Historic Preservation Zone (HPZ) is the most strict. Indeed, you cannot even change a light without approval from a board. West University is one of the only HPZs. NPZs are substantially less strict.

Additional Info**Requested Info****Response sent****Response Notes:**

Thanks for clarifying Dan, and thanks for providing the information on the underground projects. Seeing those projects, I think the disconnect on the underground is a how transmission is defined.

APS and SRP both have 69kV systems as their local “transmission” systems, with 230kV and 500kV providing the backbone to their systems. The 69kV systems are more similar to TEP’s 46kV system. TEP’s local transmission system operates at 138kV, with 345kV and 500kV providing the backbone to our system.

As an industry standard, transmission is typically classified as anything over 100kV. Legally for the state of Arizona, transmission is anything 115kV or greater (A.R.S. 40-360 (10)). So while APS and SRP might classify 69kV as transmission, by definition it is not classified as transmission in Arizona and does not require a Certificate of Environmental Compatibility to construct and the same rigor of review the Midtown Reliability Project is undergoing.

Just wanted to provide that clarification so you understood why I was confused when you said there were multiple recent cases of underground transmission in the state. So yes, you are correct, there have been a number of recent 69kV lines buried. TEP even has some 46kV lines buried – as a high level estimate we use \$4M/ mile for underground 46kV, so in line with the costs you saw from SRP and APS. However, there is a big jump in the cost when you get to the actual transmission voltages > 100kV, and unless the information APS and SRP provided me is wrong, there is less than 10 miles of > 100kV transmission buried in the state today.

Comment Method: Email**Comment Date** 10/20/2023**Category****Concerns Topics**

Cost

Heard About**Issues/Phone Message/Comments**

Copy. And I wasn't focused so much on the voltages as much as the method and cost of construction. The 69kV project plans had basically identical construction methods as Sargent and Lundy's document. A trench is a trench and conduit is conduit. Those costs don't have a lot of variance. They all use vaults and have redundant conduit/conductors. The conductor size obviously has variance. Hence the Chandler project is a useful upper bound given its larger size.

Additional Info**Requested Info**

No response required**Response Notes:**

Comment Method: Email

Comment Date 10/18/2023

Category**Concerns Topics****Heard About****Issues/Phone Message/Comments**

As a stakeholder, will the U of A again be able to request (and receive) changes to the preliminary route plans that are outside of, or not adjacent to, its designated Campus Planning Boundary?

<https://pdc.arizona.edu/realestate/boundary.html>

Additional Info**Requested Info****Response sent****Response Notes:**

Thank you for the question. Like residents, property owners and all other stakeholders, the U of A will have the opportunity to submit preferences regarding the inclusion and exclusion of preliminary routes and other comments throughout the planning and siting process.

No single stakeholder is given special privilege over another, and all are encouraged to provide comments on potential routes throughout the process. That is how we'll be able to develop a routing solution that is most in line with the goals and values of the community.

If a route or routes are located on property under a single large landowner and that landowner has preference for a specific location across their land over another location on their land, TEP would defer to their preference if possible.

I was not involved in previous outreach efforts for this project so I would appreciate hearing more from you about the request you describe and how it relates, or does not relate, to the Campus Planning Boundary. Please let me know if you would like to discuss further. Thanks again for your interest in the project.

Comment Method: Email

Comment Date 10/10/2023

Category**Concerns Topics****Heard About****Issues/Phone Message/Comments**

Thank you, Clark!

You write, "TEP put out a Request for Information to a number of consultants who could provide the services we were requesting."

Could you please send me a detailed list of "... the services we were requesting" in TEP's "Request for Information"

(I assume you/TEP really meant the best practices phrasing: Request for Proposals, but it doesn't really matter).

As always, thank you in advance for bearing with me and helping me understand your employer's behavior!

Additional Info**Requested Info****Response sent****Response Notes:**

We followed a less formal process than a typical "Request for Proposal" process which is fairly strict and, at least for TEP, used for higher dollar scopes.

Below are the services requested, the survey was not specifically included but review was completed under the first sub-bullet listed.

- Assist in designing overall public/stakeholder strategic outreach plan and related messaging for approval of a Certificate of Environmental Compatibility, with expected hearing Q2 2024.
- Facilitate up to three in-person project open houses and strategic outreach plans (July, October, January 2024), this would include:
 - Review and comment on all outreach materials (newsletters, postcards, presentations, informational boards)
 - Design the overall layout and format of the open houses, community working group meetings, and stakeholder meetings to facilitate productive dialogue and comment.
 - Attend and act as 3rd party facilitator at the open houses and manage any potential conflict.

Comment Method: Email**Comment Date** 10/7/2023**Category****Concerns Topics**

Location

Heard About**Issues/Phone Message/Comments**

After talking to a couple of engineers I have more comments. First, they all say underground is a bad idea. :-). Given that, are you looking at alleys where you already have lines? And would you be able to move those existing lines to the new poles, so the total number of poles declines? And I am curious about the pole foundations - large concrete pillars or fully underground? Of course I want them to take up as little space as possible.

Thank you. No need to reply as I am sure you are thinking about these issues already.

Additional Info**Requested Info****No response required****Response Notes:**

Comment Method: Email**Comment Date** 10/5/2023**Category****Concerns Topics****Heard About****Issues/Phone Message/Comments**

I don't understand something: From what you and Gordley Group (a "local" marketing/promo operation) have presented, it all looks like a TEP infomercial.

Could you please explain and describe in detail the TEP/Unisource decision making process to pick Gordley Group. Thank you in advance.

Additional Info**Requested Info**

Response sent**Response Notes:**

TEP put out a Request for Information to a number of consultants who could provide the services we were requesting. TEP received responses from two different firms along with proposals for how they would perform the requested work, along with cost estimates. TEP's internal project team discussed the different approaches, together with the costs, and made a decision to hire Gordley because we felt their proposal and expertise best fit the needs of the project.

Comment Method: Email

Comment Method: Email**Comment Date** 10/3/2023**Category****Concerns Topics**

Cost, Appearance, Location, Property Value, Support Underground, Historic, Substation

Heard About**Issues/Phone Message/Comments**

Please find attached a letter outlining our concerns regarding the newly named Midtown Reliability Project. Not only will the project, if allowed to proceed overhead, adversely impact the center of the city, but Jefferson Park will be by far the most affected by the intended location of the Vine Substation and lines coming into and exiting our neighborhood.

Thank you for your attention to and consideration of this serious matter.

Additional Info

With the recent re-introduction of the 138 kV transmission line project, now named the TEP Midtown Reliability Project, the problem of overhead lines and massive poles has once again become one of our area's most critical matters. It is a serious and ongoing challenge for the center of the city, especially for our neighborhood. With the proposed Vine Substation remaining in approximately the same location (one block closer), lines coming into and exiting the facility could go right through Jefferson Park. We cannot emphasize enough the devastating effect this impending decision will have on our neighborhood.

Jefferson Park is a historic district and one of only two Neighborhood Preservation Zones (NPZ) in Tucson. Its residences, schools, health care facilities, churches, and contributing historic structures must be preserved. 138 kV poles and overhead lines run counter to all the efforts to preserve this unique part of Tucson. If these lines are permitted to be above-grounded through our community, it will greatly affect the quality of life, damage the historic integrity, the property values, and the viewshed.

It is simply inconceivable that lines and enormous poles will be allowed to pass above ground through a residential neighborhood and historic district, just a few feet from homes, churches, and a nursing home/rehabilitation facility. Jefferson Park should not be expected to shoulder the enormous burden of ensuring that the U of A, UAMC-Banner, and other neighborhoods enjoy upgraded, reliable electric service.

The neighborhood has been actively involved with this TEP issue since it was first introduced to the public in September 2019. We are members of the Undergrounding Coalition, which is comprised of eleven neighborhoods and three other organizations, representing some 25,000 citizens. As a group, we remain committed to ensuring that these lines are not placed overhead through the core of the city.

We expect TEP to 1. Follow the letter and intent of the plans in the study area. Several plans govern the city: Tucson's general plan (Plan Tucson) and the Major Streets and Routes Plan (MS&R Plan). Additionally, many neighborhoods, including ours, are incorporated in the University Area Plan (UAP), which "specifically directs that utility lines be placed underground where possible to mitigate impacts on adjacent uses" (ZE Decision dated 5-13-21; see also UAP at Policy No. 6). At the recent public meeting on September 21, 2023, when asked about following the UAP, a TEP spokesperson replied that he could not describe how TEP would follow the Plan because there's not yet an official route. However, if the substation remains in the same location, lines will come in and out of the area covered by the UAP. 2. Move the substation to a more industrialized area, and then distribution lines could be placed underground at a fraction of the cost to provide power to neighborhoods. 3. Financially subsidize the cost of undergrounding lines through the heart of the city. The company's shareholders are certainly reaping the rewards of lucrative profits from their investment in TEP. 4. Collaborate with the U of A, who will be one of the greatest beneficiaries of the project, to be more actively involved in finding solutions. Potentially, they could contribute property for the substation in a more industrialized

Comment Method: Email

area of campus.

Jefferson Park steadfastly opposes any consideration of running overhead lines and massive poles through our neighborhood. They should not be placed in any residential neighborhood, and the substation should certainly be moved to a more suitable location. Undergrounding is the only consideration for the transmission lines in the heart of the city, thereby protecting the Tucson we want now and in the future. Thank you.

Requested Info**Response sent****Response Notes:**

Thank you for submitting you letter on behalf of the Jefferson Park Neighborhood Association. I just wanted to acknowledge that we are in receipt of your comments and concerns and they will be considered as we progress with siting/permitting of the project.

I look forward to meeting with you and your neighborhood in November and am grateful to you for the time you have dedicated to this project over the past several years.

Comment Method: Email**Comment Date** 10/2/2023**Category****Concerns Topics****Heard About****Issues/Phone Message/Comments**

Why is TEP doing all this reliability project meeting and public education push without waiting for the decision from the Board of Adjustment?

Additional Info**Requested Info**

Response sent**Response Notes:**

These new facilities are urgently needed to maintain reliable service for customers. Some transformers providing service in our study area are more than 50 years old and other pieces of equipment are even older. Residents are currently reliant on equipment rated as being in 'poor' or 'very poor' condition, creating a greater risk of low voltage and outages. Additionally, peak energy demands have nearly reached the capacity of the existing system. We hope to have the project in operation by the summer of 2027.

As we've said publicly since restarting our outreach to residents and others this summer, all options are on the table. The Board of Adjustment's decision addresses overhead utilities in Gateway Corridors. However, we feel it's prudent to continue with our outreach and research as we try to find the most promising route options, which may include overhead construction outside of Gateway Corridors.

I hope this information is helpful.

Comment Method: Email**Comment Date** 9/29/2023**Category****Concerns Topics****Heard About****Issues/Phone Message/Comments**

Do you have a map of the 138kV system, or even just all of the transmission and distribution systems in the region? There are so many documents that it's quicker for me to ask.

Then, why is the redundancy in this loop required? Does the current, smaller system have this redundancy?

Additional Info**Requested Info****Response sent****Response Notes:**

TEP does not typically share full system maps. However, I can point you to a couple of public documents where you can find system information:

2023 – Ten Year Plan
12th Biennial Transmission Assessment

As a standard, TEP loops it's 138kV transmission system wherever possible for reliability purposes. The 46kV sub-transmission system operates as a radial system, meaning it has a single source which is less reliable than a looped system.

Comment Method: Email

Comment Date 9/26/2023

Category**Concerns Topics****Heard About****Issues/Phone Message/Comments**

Can you explain to me why a one-mile outward mailing from the proposed TEP/Unisource Midtown Reliability Project was selected by your amazing and totally competent TEP team. Look, one mile seems ad hoc, arbitrary, gtm. Why not a half mile, a quarter mile, three miles etc, like working through the integers? Rationale? I still don't understand your method, its basis. Please explain.

Thanks for continued communication,

I look forward to hearing back from you.

Additional Info**Requested Info****Response sent****Response Notes:**

You are right, we could have selected any number of distances for our targeted notification. We used one mile around the study area because we wanted to be sure residents/businesses within the vicinity of the area where the transmission line might be sited were explicitly made aware of the proposal, and were not solely reliant on other means of finding out (i.e., news, newspaper, social media, etc). We have used a notification area like this on past projects and received favorable comments from the AZ Power Plant and Transmission Line Siting Committee during public hearings regarding efforts to reach out and engage members of the public.

We appreciate your continued engagement in the project.

Comment Method: Email**Comment Date** 9/26/2023**Category****Concerns Topics****Heard About****Issues/Phone Message/Comments**

One additional point I would like added to the record is:

This redundant loop benefits TEP's entire customer base, not just the immediate area. If the transmission line were severed without the loop, electricity would stop flowing crosstown. With the loop, if the transmission line is severed anywhere within the loop, electricity would keep flowing to all of TEP's customers. Thus, this project is for the benefit of TEP's entire customer base and not just midtown Tucson.

Additional Info**Requested Info**

No response required**Response Notes:**

Comment Method: Email**Comment Date** 9/24/2023**Category****Concerns Topics****Heard About****Issues/Phone Message/Comments**

Will you be following the same process as last time, where major stakeholders like the U of A and the City of Tucson have substantial input into the direction of the project and options for it before it is taken to the local community? If so, is this process underway already? If not already started, when will that happen?

Also, where do neighborhood associations fit in this process? It seems like last time it was also after much of the planning had been done with major stakeholders.

Additional Info**Requested Info****Response sent****Response Notes:**

Thank you for your feedback regarding TEP's proposed Midtown Reliability Project. We appreciate your comments and will include them in the project record provided to the Arizona Corporation Commission (ACC).

We will be following a process where we seek out preliminary feedback from a smaller group of stakeholders before we share with the full community. The intent of this is not to give any group an outsized influence on the project, rather to gain an understanding of concerns and work through challenges in smaller groups. The U of A and City of Tucson are just two of these stakeholders. Each of the neighborhood associations are also stakeholders. We are forming a Neighborhood Advisory Group comprised of a single representative from each neighborhood within the project study area. This group will meet approximately 1 month in advance of any full community outreach, simultaneous to that meeting, we will hold a separate briefing with the non-residential stakeholders. As we move into the phase of the project where we'll be identifying opportunities and constraints for a transmission line route, we plan to meet with these groups beginning mid-late October.

We hope you continue to stay engaged in the project as details of the project become more defined. You'll be able to find all the latest information on the project webpage at www.tep.com/midtown.

Comment Method: Email

Comment Method: Email**Comment Date** 9/24/2023**Category****Concerns Topics**Appearance, Support Underground,
Historic**Heard About****Issues/Phone Message/Comments**

Thank you for the invitation to join the recent TEP Midtown Reliability Project (MRP) Open House. In response to TEP's request for public input, the Tucson-Pima County Historical Commission (TPCHC) unanimously passed a motion to submit comment on the MRP and its potential adverse effects on historic resources in the City of Tucson, and City of South Tucson.

The TPCHC has no comment on whether certain proposed routes of the 138kv transmission lines comply with local ordinances and guidelines related to the University of Arizona Area Plan, and the Tucson Major Streets and Routes Plan, as well as the clearly stated 2021 decision of the City of Tucson Zoning Administrator. Similarly, without site plans, we cannot comment specifically on whether certain routes through, or adjacent to National Register Historic Districts and City Historic Preservation Zones, or other potentially historic/cultural resources would comply with Secretary of the Interior Standards, or would meet Federal criteria of an "adverse effect" as outlined in 36 CFR Section 800.5 (a) (2) (v). However, the TPCHC can, and must comment generally, when a large-scale eyesore is proposed to run through the heart of one of the most historically beautiful cities in the United States, especially when an obvious and proven alternative to overhead power lines exists. Our opinion is simple and is based upon the spirit of the National Historic Preservation Act (NHPA) of 1966, signed into law by President Lyndon B. Johnson. The NHPA not only encouraged historic preservation, it implicitly sought to allow the general public to enjoy a free and clear view of our nation's historic resources.

We strongly encourage TEP to continue exploring ways to underground the MRP. We urge TEP to consider strategies employed by other municipalities such as Paradise Valley, Anaheim, San Diego, and many others, outlined in "Reclaiming Visual Stewardship in Tucson, Arizona: Is it Possible?" by Ellen Barth Alster, Senior Landscape Architect, [former] Pima County Department of Transportation, available from the United States Forest Service. <https://www.fs.usda.gov/research/treesearch/57557>

Virtually any aboveground installation route through the MRP Study Area will have unacceptable and practically irreversible adverse visual effects on several or many cherished historic / cultural resources, including, but not limited to:

- Armory Park Historic Preservation Zone
- Barrio Anita National Historic District
- Barrio Blue Moon
- Barrio El Hoyo National Historic District
- Barrio El Membrillo National Historic District
- Barrio Kroeger Lane
- Barrio Libre National Historic District
- Barrio San Antonio
- Barrio Santa Rosa National Historic District
- Blenman Elm National Historic District
- Broadmoor National Historic District
- Catalina Vista National Historic District
- Colonia Solana National Historic District
- Downtown Tucson National Historic District

Comment Method: Email

El Encanto National Historic District
El Paso and Southwestern National Historic District (pending)
Fourth Avenue National Historic District
Iron Horse National Historic District
Jefferson Park National Historic District
John Spring National Historic District
Menlo Park National Historic District
Miracle Mile National Historic District
numerous potentially historic and cultural resources in the City of South Tucson
Pasqua Yaqui lands
Pie Allen National Historic District
Rincon Heights National Historic District
Sam Hughes National Historic District
Sunshine Mile National Historic District
TCC National Historic Landscape
The 1948 Pueblo Gardens neighborhood, Quincy Jones, architect
The Benedictine Sanctuary
The Manning House
U of A Campus National Historic District
Warehouse National Historic District
West University Historic Preservation Zone

In closing, we strongly recommend that TEP's immediate goal should be to underground the MRP transmission lines, respecting and maintaining Tucson's distinctive historic visual charm. Undergrounding is the only way to avoid marring the carefully preserved integrity of Tucson's rare historic visual landscapes. Remember it is Tucson's unique sense of place that has attracted tourists, new residents, filmmakers, and other businesses to our picturesque city for generations.

Please do not hesitate to reach out to me if you have any questions about this comment letter.

Additional Info**Requested Info****Response sent****Response Notes:**

Thank you for your feedback regarding TEP's proposed Midtown Reliability Project. We appreciate your comments and will include them in the project record provided to the Arizona Corporation Commission (ACC).

We will consider your input as we move forward with the project.

We hope you continue to stay engaged in the project as details of the project become more defined. You'll be able to find all the latest information on the project webpage at www.tep.com/midtown.

Comment Method: Email

Comment Date 9/23/2023

Category

Concerns Topics

Heard About

Issues/Phone Message/Comments

Could you please me whether the survey (postal and email) was designed by a contractor or was the survey (postal and email) designed in-house, by TEP employees. Or some hybrid.

Additional Info

Requested Info

Response sent

Response Notes:

The survey was designed and prepared in-house by TEP employees.

Please let us know if you have any further questions.

Comment Method: Email

Comment Date 9/22/2023

Category**Concerns Topics****Heard About****Issues/Phone Message/Comments**

Thanks for the twon hall meeting at the Double Tree on September 21, 2023.

I have two questions that were not dress at the meeting.

1. What is the time frame for the project and which location will the project begin?
2. Our building is located within a block of the substation on the corner of Norris and 20th St.

There is a 46kV pole located in the middle of our driveway ingress/egress area.

Will this pole be removed as part of the project? We will wait for its removal.

If it is not schedule for removal, we will need to press forward with a request for its relocation. We spoke with a TEP area engineer who told us the pole can be repositioned.

Additional Info**Requested Info****Response sent****Response Notes:**

Following all approvals, the transmission line and substation are expected to begin construction in 2026 with a project in-service date of May 2027. Distribution upgrades and retirement of 46kV assets would follow over the next 10 years. Construction sequencing has not been determined at this time.

Making an assumption that the attached image is the pole you are referring to, it is actually not a 46kV pole, but a distribution pole. I would not expect this pole to be removed as part of the Midtown Reliability Project.

I will add your additional comments to the project record provided to the ACC.

Please let me know if you have any additional questions.

Comment Method: Email**Comment Date** 9/22/2023**Category** Resident in Study Area, Business Owner in Study Area**Concerns Topics** Appearance, Support Underground**Heard About** Project Website, Newsletter Mailing, Public Meeting**Issues/Phone Message/Comments**

Improve aesthetics and beauty of our pueblo as other cities have done by using underground technics for new installations. It is about time our city stops looking line a bunch of toothpicks. We have looked like a third world country for too long.

Additional Info

Lets get started and don't stall any longer.

Requested Info

A project time frame

Response sent**Response Notes:**

Thank you for your feedback regarding TEP's proposed Midtown Reliability Project. We appreciate your comments and will include them in the project record provided to the Arizona Corporation Commission (ACC).

Because these upgrades are urgently needed to maintain reliable service, TEP plans to complete construction of the transmission line and substation by the summer of 2027.

We hope you continue to stay engaged in the project as details of the project become more defined. You'll be able to find all the latest information on the project webpage at www.tep.com/midtown.

Comment Method: Email**Comment Date** 9/22/2023**Category****Concerns Topics**

Cost, Support Underground

Heard About**Issues/Phone Message/Comments**

I get why TEP proposed that taxpayers take on TEP's costs for complying with the law via Prop 412 but there's nothing in the law that requires taxpayers or any other outside party to pay for undergrounding.

To get outside funding, like say in a new Franchise Agreement or from the UA/state/Feds, TEP has to be smarter about its efforts. Prop 412 should have been drafted in a much less divisive way and with smarter timing. Again, look at the City of Chandler, Intel, and SRP transmission undergrounding project for a good example of how to get parties to the table.

I believe TEP can get some outside money but it hasn't pursued a good strategy to do so yet. Pretending this project is not primarily for the UA is a strategic error as it lets the UA free-ride. You have to get everyone to the table. If the UA doesn't want transmission lines through campus (like on say Cherry), it should be receiving the same ultimatums as the neighborhoods. Failing to accurately identify the primary beneficiaries only harms your ability to get outside funding. TEP may end up eating all of this cost simply because of repeated bad strategies.

Let's come up with a good strategy.

Additional Info**Requested Info****Response sent****Response Notes:**

Thank you for your additional comments. We will add these to the project record provided to the ACC.

Comment Method: Email**Comment Date** 9/21/2023**Category****Concerns Topics**Appearance, Location, Support
Underground, Reliability**Heard About****Issues/Phone Message/Comments**

I am writing to express my strong support for placing power lines underground, especially along Tucson's Gateway Route. Nothing will make Tucson less attractive than the enormous ugly power poles being proposed. Remember, the Gateway Route is the first introduction many get to our beautiful city, the University, the mountain skyline, sunsets, historic neighborhood, etc.

Many cities (including Phoenix) have reached agreements with their service providers to keep their cities beautiful by burying the lines. In addition, our monsoons frequently cause downed lines that leave people without services, cause costly repairs and overtime pay, etc. underground lines do not have these costs.

I would hope TEP would see the value, both in costs and in customer appreciation, by placing lines underground.

Additional Info**Requested Info****Response sent****Response Notes:**

Thank you for your feedback regarding TEP's proposed Midtown Reliability Project. We appreciate your comments and will include them in the project record provided to the Arizona Corporation Commission (ACC).

No transmission line routes have been identified at this time, only a study area in which potential routes will be considered.

While many of APS and SRP "distribution" lines are buried, in all but a few very limited instances, their "transmission" lines are constructed overhead. There is a very big difference between constructing and operating a distribution line underground and constructing and operating a transmission line underground.

We hope you continue to stay engaged in the project as details of the project become more defined. You'll be able to find all the latest information on the project webpage at www.tep.com/midtown. In addition, a public open house will be held tonight, September 21st from 6:00-8:00pm at the Doubletree Reid Park. We hope you can join us.

Comment Method: Email

Comment Method: Email

Comment Date 9/21/2023

Category**Concerns Topics**

Cost, Support Underground

Heard About**Issues/Phone Message/Comments**

The ACC is supposed to make line siting decisions according to the nine factors under 40-360.06. All of the factors favor undergrounding on the community's preferred and most direct route, which is Campbell Ave (or through the UA campus).

TEP relies on factor eight to argue that undergrounding is cost prohibitive. Factor eight says:

8. The estimated cost of the facilities and site as proposed by the applicant and the estimated cost of the facilities and site as recommended by the committee, recognizing that any significant increase in costs represents a potential increase in the cost of electric energy to the customers or the applicant.

The community, through its ordinances, has already established that undergrounding is its preference and the law. Thus, the community accepted that there may be higher costs for electric energy.

This begs the question of what those higher costs would actually be for TEP or ratepayers. Under the law, TEP is required to capitalize the cost of its projects over their useful life. In the most recent calculation, TEP must capitalize transmission assets at 1.69% per year.

Thus, a \$20 million cost differential must be expensed at \$340,000 per year for ~59 years. TEP collects about \$1 billion per year from ratepayers currently (this will only grow over 59 years). Therefore, capitalizing this asset equates to 0.034% of TEP's ratepayer collections per year. If your average bill is \$100 per month, it will cost you less than 3.4c per month (much less in reality because of differential rates for residential vs commercial).

This is not a significant cost to either TEP or ratepayers but it doesn't actually matter. The City of Tucson passed the undergrounding requirements decades ago and already accepted that any cost differential was worth it. If the community disagrees, it can change the democratically elected council members and the law.

It is my view that none of the nine line siting factors favor going above ground through the densest and most vertically growing area of Tucson. And, it's not even close.

There are multiple additional arguments that layer onto this base argument, such as: 1) TEP's cost estimates are inflated relative to recent comparables across the state; 2) private property damage claims must be accounted for according to TEP's own studies; 3) the UA as the primary beneficiary should be contributing to the project in exchange for avoiding a transmission line through campus; and many more.

I continue to believe that if TEP wants to avoid costs, it should propose a clean Franchise Agreement that increases the rate from 2.25% to 2.75% and leave it to city leaders to help with cost. This is what Chandler did. It worked. TEP needs to stop overcomplicating everything and wasting money.

AND, I still believe a shared Boring Company tunnel is your cheapest option and the simplest, "sexy" solution for getting outside funding from the Feds.

Additional Info

Comment Method: Email

Requested Info

Response sent

Response Notes:

Thank you for your feedback regarding TEP's proposed Midtown Reliability Project. We appreciate your comments and will include them in the project record provided to the Arizona Corporation Commission (ACC).

With the failure of Proposition 412 earlier this year, the voters of Tucson declined a solution that would have raised the funds to pay for the difference in cost between an overhead and underground transmission line.

We hope you continue to stay engaged in the project as details of the project become more defined. You'll be able to find all the latest information on the project webpage at www.tep.com/midtown.

Comment Method: Email

Comment Date 9/21/2023

Category**Concerns Topics****Heard About****Issues/Phone Message/Comments**

Thanks for holding tonight's open house.

It would be great if you would record the meeting and post on YouTube and/or your website for those of us who can't attend large indoor gatherings--and people with kids and other responsibilities.

Additional Info**Requested Info**

Response sent**Response Notes:**

Thank you for the suggestion. We appreciate that everyone has different circumstances and some won't allow them to attend tonight's meeting. However, for a number of reasons, we won't be filming the meeting tonight. That said, we've extended an offer to all of the neighborhood associations in the project study area to come and meet with them in one of their regular meetings. I'm not sure which neighborhood you are in, but maybe encourage your President to accept that offer. Additionally, we'd be happy to have a conversation with you individually to educate you on the project and to discuss any questions and concerns you might have.

Please let me know if you'd like to chat and we can schedule a call that works for your schedule.

Comment Method: Email

Comment Date 9/21/2023

Category Resident in Study Area

Concerns Topics

Heard About

Issues/Phone Message/Comments

Thank you for your response to my comments. Will you be sharing the program materials after tonight's meeting on the project web site? I'd like to learn more about the project plans.

Additional Info

Requested Info

Response sent

Response Notes:

The PowerPoint presentation that will be displayed at tonight's meeting will be uploaded to the project website following the meeting.

Please let me know if you have any further questions and we'd be happy to discuss.

Comment Method: Email**Comment Date** 9/21/2023**Category****Concerns Topics**Health, Location, Property Value,
Support Underground**Heard About****Issues/Phone Message/Comments**

As residents of the Palo Verde neighborhood with a house on Camilla Blvd, we would like to express our STRONG OPPOSITION to installing TEP high-voltage power poles in our neighborhood.

It's not right to make modifications to a neighborhood that negatively affect property values and may pose health concerns without the consent of the people who live there, and we must insist that any additional power grid be installed underground.

Please do not proceed with this project without unanimous consent from the citizens who reside in these areas.

Additional Info**Requested Info****Response sent****Response Notes:**

Thank you for your feedback regarding TEP's proposed Midtown Reliability Project. We appreciate your comments and will include them in the project record provided to the Arizona Corporation Commission (ACC).

No transmission line routes have been identified at this time, only a study area in which potential routes will be considered. Camilla is actually located outside of the project study area, so would not even be considered as an option.

We hope you continue to stay engaged in the project as details of the project become more defined. You'll be able to find all the latest information on the project webpage at www.tep.com/midtown. In addition, a public open house will be held tonight, September 21st from 6:00-8:00pm at the Doubletree Reid Park. We hope you can join us.

Comment Method: Email**Comment Date** 9/20/2023**Category****Concerns Topics**

Cost, Support Underground, Reliability

Heard About**Issues/Phone Message/Comments**

I appreciate the need to upgrade the transmission network and am in favor of doing so.

I am opposed to the continued use of above ground powerlines and STRONGLY SUPPORT underground lines. Other communities have successfully placed their lines underground and have thus made their communities much more attractive and safer.

Undergrounding is well worth the cost and is the only acceptable solution for me.

Additional Info**Requested Info****Response sent****Response Notes:**

Thank you for your feedback regarding TEP's proposed Midtown Reliability Project. We appreciate your comments and will include them in the project record provided to the Arizona Corporation Commission (ACC).

We hope you continue to stay engaged in the project as details of the project become more defined. You'll be able to find all the latest information on the project webpage at www.tep.com/midtown.

Comment Method: Email

Comment Date 9/20/2023

Category**Concerns Topics****Heard About****Issues/Phone Message/Comments**

I already asked you a specific question and a request:

"Could you please tell me, at whatever level of detail, the qualifications of the TEP employees who designed, prepared and approved the survey. I would like to know relevant education and actual experience with proper survey research by those persons, if any. In general. "

Your response was "Multiple team member played a role ... "

Thing is, you and your employer chose to not answer my specific question.

In addition, you reference "Gordley" ("...our consultant.") as a reviewer. But say nothing further.

Could you please provide me with the serious professional technical qualifications of "reviewer" Gordley. This includes formal education, training, actual experience etc. I don't need to see actual transcripts or resumes.

As always, thank you in advance for your helpfulness and expected prompt/timely response!

Additional Info**Requested Info****Response sent****Response Notes:**

TEP employees who participated in the development of the survey have training and experience in environmental and land use planning, geography, communications, and analytics.

The survey was not intended to be a statistically valid survey with defined margins of error. Rather, we wanted to use this as a tool for gaining a better understanding about the opinions and preferences of customers and other stakeholders in the project study area on some specific topics. We're very appreciative of everyone who participated and we have received thousands of responses. That feedback will help inform our development process.

Regarding "Gordley", the Gordley Group is a well respected, local consulting firm that specializes in public outreach and marketing. You can learn more about them on their website: gordleygroup.com.

Are you planning to attend our meeting on Thursday? I look forward to seeing you there!

Comment Method: Email

Comment Method: Email**Comment Date** 9/20/2023**Category****Concerns Topics**

Cost, Renewable Energy, Reliability

Heard About**Issues/Phone Message/Comments**

Thank you for this opportunity to provide comments and questions for the Open House on the Midtown Reliability Project September 21, 2023.

Questions for TEP regarding the proposed Midtown Reliability Project

The people of Greater Tucson, by all accounts, support a smarter and more energy productive electric distribution grid; system reliability in the face of hotter and extreme weather events; and replacement of climate-changing fossil fuel use with clean renewable sources. As we electrify more and more energy uses including mobility, heat pumps, and cooking, the demand for an affordable Twenty-first Century electric generation and delivery system is increasing.

City of Tucson voters defeated TEP's May 2023 Prop 412 election 55%-45% because its 25-year plan to provide electric services was unconvincing. The Pima County Planning & Zoning Commission denied TEP its June 2023 request to convert its current voltage substations to a voltage capacity three times higher because TEP was unwilling to negotiate its plans with community stakeholders.

Before TEP and the Arizona Corporation Commission decide what they determine is in the best interest of ratepayers and private utility investors, concerned Tucsonans want to know the answers to important questions which have not yet been addressed in TEP presentations. With 2024 elections approaching, the emerging climate crisis is rising to become a key issue along with the cost of living. Candidates who best address these related issues are likely to be successful. And when the public is faced with big spending projects like TEP's Midtown Reliability Project (MRP) and the Regional Transportation Authority's 25-year RTA Next Plan, these issues will take on a much bigger role in public discourse. So simply put, these questions we want answered reflect the growing interests of the greater community which our institutions and utilities should serve.

Here are our questions for TEP's Midtown Reliability Project:

1. Need for tripling transmission capacity

The overarching question which the MRP raises is whether this tripling of energy transmission capacity in Central Tucson is actually necessary. Have all other options been identified and evaluated? Doesn't tripling the capacity of transmission lines suggest TEP plans to continue to acquire the bulk of its power from distant, often out-of-state sources? With transmission line energy losses and ratepayer charges for transmission increasing, wouldn't more local energy sourcing lower overall costs? Does TEP's estimate for needed capacity expansion take into account industry established estimates for improved energy efficiency in our economy? And importantly, how much reduction of that proposed capacity could be achieved by more support for distributed generation and storage including newly developing microgrid design? Very specifically, how much of the estimated peak power demand could be accommodated with local storage?

2. Reliability

While system reliability is a top level ratepayer concern, the question remains whether TEP's plans will yield the most reliable electric grid given the threats of extreme climate, possible attacks on utility infrastructure, and the whims of

Comment Method: Email

foreign investors who own TEP. Would TEP please quantify how the MRP would improve reliability including assumptions and how that determination is calculated?

Wouldn't a system more invested in distributed energy resources with microgrids be more reliable? Wouldn't the combination of utility scale and community solar generation with local substation storage increase reliability and reduce vulnerability to our climate challenges? Redundancy is a design solution for reliability, so why wouldn't a community of microgrids accomplish the same or better result as tripling the voltage capacity of the transmission system?

Ratepayers who can afford to pay for private reliability are already purchasing home energy storage solutions. But encouraging private battery storage systems doesn't make sense when TEP can buy storage much less expensively and use it much more efficiently than its customers. There is a shortage of battery-making resources expected to last for years if not decades. Isn't tying those resources up in seldom-used private systems a social mistake?

3. Value Proposition to ratepayers

Nowhere in TEP's MRP proposal is there presentation of what the project will cost and how will it impact value delivered to ratepayers. Would TEP please reveal how much these estimated project costs will reduce or increase ratepayer costs and charges including rates for delivered kilowatt hours of electricity? Wouldn't local-regional generation of electricity via rooftop and utility scale solar and substation energy storage be much less expensive and contentious, provide other benefits such as local job creation and tax revenues as well as improve reliability? Very specifically, what are the relative costs of the new transmission line and substation compared with local storage? The National Renewable Energy Lab for example, estimates that TEP could buy 30 MW of storage for \$42 million. Wouldn't this produce the same results as high transmission investments with less cost and more efficiency?

4. Prospects for introducing competition in Tucson with Community Choice Energy

The timely retirement of TEP's toxic assets of coal and gas electricity generators is a key stumbling block to decarbonizing our local energy grid. Can't TEP stop using fossil fuels to generate electricity much more quickly by opening the grid to third-party providers of solar energy and encouraging rooftop generation from its ratepayers? The MRP doesn't appear to do this.

The most promising solution for rapid decarbonization is for jurisdictions to implement what is called Community Choice Energy whereby ratepayers can choose the source of energy (preferably renewable) delivered by the utility. A stranded asset fee is determined and assessed on ratepayers so the utility can retire its no longer needed stranded plant and equipment.

5. Other funding options

Why isn't TEP taking more advantage of federal funding available for grid upgrades? Does it have anything to do with how the ACC calculates the base rates TEP can charge customers? Can TEP acquire new federal IRA/EPA funds to pay for lower cost to operate/maintain solar/substation energy storage microgrids; use the cost reductions to pay off stranded assets; and then reduce the rates? Power purchase agreements (PPA) for solar with storage have been established by other electric utilities featuring rates as low as 3 cents per kilowatt-hour.

6. University of Arizona and Banner Medical Center

The University of Arizona and Banner are both immensely important institutions which we all greatly benefit from. And we do support both the University and the Medical Center committing to decarbonizing their extensive operations. But

Comment Method: Email

this energy source switching by these two institutions should not block other promising options. The solution of building a higher voltage transmission system in Central Tucson would preclude other less intensive and lower cost options such as local generation and storage. And without under-grounding, such a transmission line will face widespread opposition.

Furthermore, whatever the power requirements of the UofA and Banner are, it is difficult to believe they do not have the financial resources to pay for them without imposing those costs on TEP's entire rate-paying base. Can't UofA and Banner pay for their decarbonizing costs themselves? Also, doesn't UofA and Banner already have their own backup generators?

Thank you for your consideration.

Additional Info**Requested Info**

Response sent**Response Notes:**

Thank you for your interest in the Midtown Reliability Project, and for your concern about how best to meet the growing energy needs of our community, now and in the future.

Our customers count on us for reliable service every day. Considering recent severe weather and higher temperatures, we agree our community must move toward investing in cleaner, more resilient energy resources.

For the residents, small businesses and other customers of central Tucson, the Midtown Reliability Project represents the most reliable, cost-effective option for meeting those challenges while addressing the urgent needs of our local energy grid. TEP must balance cost, reliability, environmental impact, risk and other factors when making crucial resource decisions about a system that serves about 445,000 customers year-round throughout the metropolitan area.

Before we respond to your questions below, I invite you and other concerned Tucsonans to visit our project website at tep.com/midtown. We recently invited more than 100,000 midtown residents and other stakeholders to visit the site and attend an open house because we want our customers to understand the urgent need and important benefits of this project.

The need for capacity, reliability and consideration of cost

As described in our project communications, the need for new facilities and additional energy capacity in central Tucson is clear.

Some transformers providing service in our study area are more than 50 years old and other pieces of equipment are even older. Residents are currently reliant on equipment rated as being in 'poor' or 'very poor' condition, creating a greater risk of low voltage and outages. These components, which interconnect to customers' homes and business, are integral to the operation of our grid and daily life in our community.

Additionally, peak energy demands have nearly reached the capacity of the existing system, reducing electric reliability and leading to the possibility of longer power outages on some circuits. TEP set new peak demand records in 2020 and 2021.

Comment Method: Email

With the project, aging 4-kV facilities will be replaced with new 13.8-kV distribution lines, poles, transformers and switchgear. New transmission facilities will provide redundancy and greater flexibility to restore service more quickly in the event of a power outage. Greater capacity will help avoid voltage and other issues that can damage customer-owned equipment. New facilities would be more resilient and more secure.

That's why we hope to have the project in operation by the summer of 2027 - about four years after our initial proposed in-service date. Instead of simple one-for-one replacement of aging equipment serving customers today, new higher-capacity systems will provide greater flexibility and reliability now and in the future.

At an estimated cost of about \$52 million for the overhead transmission line and the proposed Vine Substation, the project would add approximately 75 cents to the average monthly bills of typical residential customers once incorporated into new rates. Building just two miles of the line underground would roughly double that impact. The additional cost of installing about 5.5 miles of the transmission line underground within Gateway Corridor Zones would add an estimated \$80 million to the cost of the project.

The alternative – simply replacing the existing 46kV system components over the course of about 15 years – would have a similar initial bill impact but with higher long-term maintenance costs and without providing the additional capacity needed to continue serving customers.

The distribution improvements following construction of the new transmission facilities would increase the capacity of our distribution system as well, which would accommodate more rooftop solar installations, home battery storage systems and electric vehicles.

We agree with your assessment that TEP can procure and manage resources more efficiently and cost-effectively than privately-owned systems through economies of scale. Through our integrated resource planning process, we continually evaluate new technologies and search for reliable resource options that serve the needs of our customers.

The locations of these resources will vary as practical. For example, our Oso Grande Wind Farm was sited in southeast New Mexico because of the location's strong wind resources, which are far more productive than those in Arizona. Wind energy resources are particularly useful overnight and at other times when solar resources produce little or no energy.

However, our largest solar resource, the 100-megawatt (MW) Wilmot Energy Center, is located just south of the Tucson International Airport. TEP also just announced plans to build a 200-MW battery energy storage system within our service territory in southeast Tucson. The system will be especially useful in the summer when it's charged with low-cost and abundant solar energy during the day before deploying energy in the evening when customer usage is highest.

Energy from increasingly cleaner resources like these would be delivered to customers' homes and businesses with the Midtown Reliability Project.

Greater flexibility, more options for customers

We anticipate that participation in energy efficiency and demand-side management programs will continue to grow. In fact, we're counting on it.

This summer, more than 6,900 residential customers participated in TEP's new Smart Rewards program to show how smart thermostats can be a powerful tool for energy management and greater sustainability. By agreeing to brief

Comment Method: Email

thermostat adjustments of up to 4 degrees during peak electric demand periods, participants helped save enough energy to power the equivalent of about 2,300 homes. We appreciate the cooperation of participating customers, especially during the third hottest summer on record.

We also support solar customers every day, providing service at night and when their own systems aren't generating enough to serve their energy needs. About 45,000 homes and businesses – approximately 10 percent of our customers – have their own rooftop systems. TEP had a record year in 2022, interconnecting with more than 7,500 customers who installed their own systems. However, less than 1,000 customers have installed their own battery systems. Although customers already have the option of investing in their own distributed generation and storage systems, investment in such systems is not suitable for all customers due to cost and other factors.

Distribution upgrades described in the Midtown Reliability Project will only serve to accommodate more opportunities like these by providing greater reliability and flexibility for customers to participate in new, energy-saving programs.

TEP and others in our industry widely support federal measures that support building a cleaner, stronger, smarter energy grid, including those available through the Inflation Reduction Act (IRA). We anticipate the IRA could have a positive impact in future system investments, potentially lowering the cost of participating in renewable and other grid management projects, and we continue to explore funding opportunities.

While microgrids and other localized energy resources offer an intriguing option for managing distribution-level intermittency, they have not yet demonstrated the ability to provide reliable, 24-hour service to the hundreds of thousands of customers that rely on us every day.

Microgrids would still require monitoring, management and other support from our local energy grid. They require significant investment and continued maintenance while remaining susceptible to weather damage and equipment failure. Local substations may be ill-equipped to house energy storage systems. TEP would not be supportive of resource options and rate designs that shift costs to low-income and other disadvantaged customers. Operating a grid – even a small one – comes with risk.

Based on our evaluation, microgrid systems alone can't compensate for increases in customer energy demands. Customers have participated in our energy efficiency programs and initiatives for more than a decade because they help lower energy usage and monthly bills. Billed energy usage has remained flat in recent years. Peak energy demand, however, has continued to increase.

Our next Integrated Resource Plan (IRP) is scheduled to be filed on Nov. 1, 2023. We anticipate that it will identify a balanced, flexible resource plan as the best way to meet our community's energy needs and sustainability goals. The plan was developed in consultation with a Resource Planning Advisory Council that discussed what our local energy grid should look like in the future. Members include residential and business customers, environmental and low-income advocates, representatives from local governments and educational institutions, and solar installers.

Even as TEP works to achieve sustainability goals for our community, reliable transmission and distribution lines will be necessary to import and deliver electric service affordably to customers where they need it – in their homes and businesses in the densely populated Midtown area.

Thank you for your comments, questions and engagement with the project.

Comment Method: Email**Comment Date** 9/19/2023**Category** Resident in Study Area**Concerns Topics**

Location

Heard About Newsletter Mailing**Issues/Phone Message/Comments**

Thank you for that clarification. The description of the study area says it ends at Country Club, but the map line seems to run on Camilla, so I was confused. Major street versus a residential at street, even with the attendant construction hassles, is still my preference.

Additional Info**Requested Info**

No response required**Response Notes:**

Comment Method: Email**Comment Date** 9/18/2023**Category****Concerns Topics**Health, Cost, Appearance, Location,
Property Value, Support
Underground, Historic**Heard About****Issues/Phone Message/Comments**

Over head power lines should not be allowed:

- 1) In residential neighborhoods at all. Several of the neighbors impacted by this project are historic. Property values will drop if large, overhead lines run through them,
- 2) new power lines are to be undergrounded to comply with the University Area Plan and the Major Streets and Routes plan,
- 3) The new powers lines should comply with Gateway Route to enhance and maintain the beauty of Tucson,
- 4) Costs to underground lines are small and future repairs are minimized as wind will not damage them,
- 5) Tucson residents have spent a great deal of time to have these lines undergrounded and should not be dismissed,
- 6) the proposed Vine substation should be relocated so residential neighborhoods are not impacted. The substation and lines are a health concern for residential neighborhoods.

Underground all new TEP power lines!

Additional Info**Requested Info****Response sent****Response Notes:**

Thank you for your feedback regarding TEP's proposed Midtown Reliability Project. We appreciate your comments and will include them in the project record provided to the Arizona Corporation Commission (ACC).

No transmission line routes have been identified at this time, only a study area in which potential routes will be considered. We hope you continue to stay engaged in the project as details of the project become more defined. You'll be able to find all the latest information on the project webpage at www.tep.com/midtown. In addition, a public open house will be held on September 21st from 6:00-8:00pm at the Doubletree Reid Park. We hope you can join us.

Comment Method: Email**Comment Date** 9/17/2023**Category****Concerns Topics**Health, Location, Property Value,
Support Underground**Heard About****Issues/Phone Message/Comments**

As residents of the Palo Verde neighborhood with a house on Camilla Blvd, we would like to express our STRONG OPPOSITION to installing TEP high-voltage power poles in our neighborhood.

It's not right to make modifications to a neighborhood that negatively affect property values and may pose health concerns without the consent of the people who live there, and we must insist that any additional power grid be installed underground.

Please do not proceed with this project without unanimous consent from the citizens who reside in these areas.

Additional Info**Requested Info****Response sent****Response Notes:**

Thank you for your feedback regarding TEP's proposed Midtown Reliability Project. We appreciate your comments and will include them in the project record provided to the Arizona Corporation Commission (ACC).

No transmission line routes have been identified at this time, only a study area in which potential routes will be considered. We hope you continue to stay engaged in the project as details of the project become more defined. You'll be able to find all the latest information on the project webpage at www.tep.com/midtown. In addition, a public open house will be held on September 21st from 6:00-8:00pm at the Doubletree Reid Park. We hope you can join us.

Comment Method: Email**Comment Date** 9/16/2023**Category****Concerns Topics**

Location

Heard About**Issues/Phone Message/Comments**

I shouldn't have to be doing this at all, it should be a mile away from this neighborhood. I do not enjoy wasting my free time on these political games. Pitting neighborhoods against each other seems like a rather low thing to do.

Additional Info**Requested Info**

No response required**Response Notes:**

Comment Method: Email**Comment Date** 9/15/2023**Category****Concerns Topics****Heard About****Issues/Phone Message/Comments**

I hope your day is going well. I read an article about a global project called the Earthshot prize. I was thinking maybe your Midtown Reliability Project might be able to submit its information, when the plans are completed, for a chance to receive \$1.2m in funding.

Earthshot Prize 2022 Winners: Five Winners Announced

"Five annual winners from 15 finalists, will each receive \$1.2m in funding. The inaugural Earthshot prize awards ceremony was held in October 2021 at Alexandra Palace in the UK."

Link - <https://carboncredits.com/earthshot-prize-2022-five-winners-announced/>?

THE EARTHSHOT PRIZE

"THE EARTHSHOT PRIZE WAS DESIGNED TO FIND AND GROW THE SOLUTIONS THAT WILL REPAIR OUR PLANET THIS DECADE."

Link - <https://earthshotprize.org/>

MEET OUR WINNERS AND FINALISTS

"From inspiring leaders, passionate activists and brilliant innovators to forward-thinking cities and countries making a real difference, learn about our extraordinary group of innovators from 2021 and 2022."

Link - <https://earthshotprize.org/>

Thank you for all that you do and have a grand weekend.

Additional Info**Requested Info****Response sent****Response Notes:**

This is very interesting. I appreciate you feel the project could be worthy of such recognition. This is certainly something to keep in mind, but we don't want to get ahead of ourselves either. Right now, we'd like to focus on finding a solution that meets the energy and reliability needs of the community, is designed to be environmentally compatible, the community can support, and can be approved by the Arizona Corporation Commission. Once we have all that, we'll have a project that can be built. At that point, I'd love to be able to share the experience with others and see if it merited such recognition.

Comment Method: Email**Comment Date** 9/15/2023**Category****Concerns Topics****Heard About****Issues/Phone Message/Comments**

Could you please tell me, at whatever level of detail, the qualifications of the TEP employees who designed, prepared and approved the survey. I would like to know relevant education and actual experience with proper survey research by those persons, if any. In general. I am not interested in connecting transcripts, resumes and the like to specific TEP/Unisource employees.

Additional Info**Requested Info****Response sent****Response Notes:**

Multiple team members played a role in development of the survey, and it was reviewed by our consultant, Gordley. If you have specific questions about the project or the design and intent of the survey, we'd be happy to provide a response.

Comment Method: Email**Comment Date** 9/12/2023**Category****Concerns Topics****Heard About****Issues/Phone Message/Comments**

Thank you for the reply to my email. I am on cloud 9 because the idea will be discussed with engineers. Below is the best I can do with an illustration of the idea. I used PowerPoint so the icons are limited. I will follow the website for updates. Thank you so much for making my day! Have a wonderful day.

Additional Info**Requested Info**

Response sent**Response Notes:**

Thank you for the excellent illustration!

Comment Method: Email**Comment Date** 9/11/2023**Category****Concerns Topics**

Cost, Location, Support Underground

Heard About**Issues/Phone Message/Comments**

Imagine my surprise when I went to fill out the online comment form for the now named "midtown reliability project" and what I found was nothing but restrictions and limitations. First, in choosing what the top priorities for the project should be, the choices were limited to two. I did add a third which was: "Insure those who benefit from the project - residential and commercial customers, University of Arizona, Banner Health - pay their fair share of the cost. But the second question on choosing pole height and materials offered no options, like undergrounding. I chose not to answer the question and the survey wouldn't let me proceed. So this is my comment: TEP should either organize an improvement district to underground the line with the cost equally split between TEP customers, UA, and Banner, or an above ground route between 6th Street and Elm Street should run along Cherry Avenue. Thank you.

Additional Info**Requested Info****Response sent****Response Notes:**

Thank you for your feedback regarding TEP's proposed Midtown Reliability Project. We appreciate your comments and will include them in the project record provided to the Arizona Corporation Commission (ACC).

We hope you continue to stay engaged in the project as details of the project become more defined. You'll be able to find all the latest information on the project webpage at www.tep.com/midtown.

Comment Method: Email**Comment Date** 9/11/2023**Category****Concerns Topics**Appearance, Location, Support
Underground**Heard About****Issues/Phone Message/Comments**

Please please please..... don't keep going back to the drawing board!!!! We care about our city and how it looks!

NO ONE wants humongous piles marching up and down Campbell... a true gateway from airport into the city including UofA!!!

Underground please!!!!

Additional Info**Requested Info**

Response sent**Response Notes:**

Thank you for your feedback regarding TEP's proposed Midtown Reliability Project. We appreciate your comments and will include them in the project record provided to the Arizona Corporation Commission (ACC).

We hope you continue to stay engaged in the project as details of the project become more defined. You'll be able to find all the latest information on the project webpage at www.tep.com/midtown.

Comment Method: Email**Comment Date** 9/11/2023**Category****Concerns Topics**

Historic

Heard About**Issues/Phone Message/Comments**

I want to make another suggestion not specific to pole design. Since part of the area to be covered is well populated with Hispanics, I suggest all of your public fliers and literature about the Midtown Project be printed in both English and Spanish.

As one somewhat familiar with urban planning issues I also suggest the poles in historic areas be sensitive to the historic nature of some areas in the planned area. For such pole designs, TEP might look at poles used in historic preservation areas in other parts of the US...A pole design sensitive to historic areas might make acceptance easier in these locations.

Additional Info**Requested Info****Response sent****Response Notes:**

Thank you for your suggestions. We are certainly open to creative pole designs and are actively looking into different possibilities.

We have a Spanish language web page available at <https://www.tep.com/proyecto-de-confiabilidad-del-centro-de-la-ciudad/>. In addition, at the upcoming Public Open House on September 21st from 6:00-8:00pm at the Doubletree Reid Park, we will have an interpreter for the presentation and Q&A, along with several staff members fluent in Spanish to assist any Spanish speakers present.

Comment Method: Email**Comment Date** 9/11/2023**Category****Concerns Topics**

Support Underground

Heard About**Issues/Phone Message/Comments**

Thank you for the information, which, honestly, has been slanted to give the impression that the undergrounding of both transmission and distribution lines presents an enormous obstacle.

However, please note that both transmission AND distribution lines are placed underground in MANY cities. And many of those cities use FAR more electric power than does Tucson. Think of New York, Los Angeles, Chicago, Houston, Phoenix, and many other U.S. cities, as well as numerous major cities around the world whose electric transmission and distribution lines are safely buried underground.

Additional Info**Requested Info****Response sent****Response Notes:**

Thank you for your additional comment, we will include this in the project record provided to the ACC.

Comment Method: Email

Comment Date 9/11/2023

Category**Concerns Topics****Heard About****Issues/Phone Message/Comments**

Umm, okay. Thank you for response. I'm going to zig-zag a bit and ask another question: Please tell me whether the Midtown Reliability Project mailing (postal and email) was sent to all TEP Ratepayers here, there and everywhere? I realize this might not be a simple binary (yes or no) response. Could you please describe and explain the ways a response would not be binary in this situation.

Thank you in advance and thank you for adhering to the promise in the various mailings to answer questions via email.

Additional Info**Requested Info****Response sent****Response Notes:**

Thanks for the additional questions. The email was sent to all TEP customers within 1 mile of the project study area, for whom TEP has an email address. The newsletter was sent to all TEP customers within 1 mile of the project study area.

Comment Method: Email**Comment Date** 9/9/2023**Category****Concerns Topics**

Location, Support Underground

Heard About**Issues/Phone Message/Comments**

I do not want our neighborhood to turn into an industrial zone. I am adamantly opposed to poles going through the center of the city.

Other destination cities do not have this kind of blight.

The should be underground.

Additional Info**Requested Info****Response sent****Response Notes:**

Thank you for your feedback regarding TEP's proposed Midtown Reliability Project. We appreciate your comments and will include them in the project record provided to the Arizona Corporation Commission (ACC).

No transmission line routes have been identified at this time. We hope you continue to stay engaged in the project as details of the project become more defined. You'll be able to find all the latest information on the project webpage at www.tep.com/midtown.

Comment Method: Email**Comment Date** 9/8/2023**Category****Concerns Topics**

Location, Support Underground

Heard About**Issues/Phone Message/Comments**

TEP = Tucson Eyesore People.

Get real. Trying to put above ground poles through central Tucson, well, you're trying to be a bunch of modern Corporate Visigoths ! Fortis, do they tolerate such crap in Canada ?

Additional Info**Requested Info****Response sent****Response Notes:**

Thank you for your feedback regarding TEP's proposed Midtown Reliability Project. We appreciate your comments and will include them in the project record provided to the Arizona Corporation Commission (ACC).

We hope you continue to stay engaged in the project as details of the project become more defined. You'll be able to find all the latest information on the project webpage at <http://www.tep.com/midtown>.

Comment Method: Email**Comment Date** 9/7/2023**Category****Concerns Topics****Heard About****Issues/Phone Message/Comments**

I have one quick question. The brochure sent in the mail said that 8 old substations would be removed, to be replaced by 1 main new substation. Where will that be located? I know that the route has not been finalized yet, but has the substation location been decided?

Additional Info**Requested Info****Response sent****Response Notes:**

Thank you for your feedback regarding TEP's proposed Midtown Reliability Project. We appreciate your comments and will include them in the project record provided to the Arizona Corporation Commission (ACC).

To answer your question, while you are correct we do not have any proposed transmission line routes at this time, we do know the location of the proposed substation. It will be located on a parcel of land that TEP purchased just west of the Banner University Medical Center on Vine Avenue, just south of Lester Street.

We hope you continue to stay engaged in the project as details of the project become more defined. You'll be able to find all the latest information on the project webpage at www.tep.com/midtown.

Comment Method: Email**Comment Date** 9/5/2023**Category****Concerns Topics**

Support Underground

Heard About**Issues/Phone Message/Comments**

Is a long-term resident of Sam Hughes one block east of Campbell, my family is absolutely opposed to having above the ground. TEP polls. That is unacceptable when these can be buried underground. I dare say the people who want this approved or not living in the neighborhood where they will be. Do the right thing and have these buried

Additional Info**Requested Info****Response sent****Response Notes:**

Thank you for your feedback regarding TEP's proposed Midtown Reliability Project. We appreciate your comments and will include them in the project record provided to the Arizona Corporation Commission (ACC).

We hope you continue to stay engaged in the project as details of the project become more defined. You'll be able to find all the latest information on the project webpage at <http://www.tep.com/midtown>.

Comment Method: Email**Comment Date** 9/5/2023**Category****Concerns Topics**Appearance, Property Value, Support
Underground, Safety**Heard About****Issues/Phone Message/Comments**

Why do you keep ignoring the will of the residents of Tucson? The overwhelming majority of Tucson's residents care about how our city looks and feels. PLEASE recognize the simple fact that we the people do not want to see any new tall power poles making our city uglier, more dangerous, and less livable. In addition, such poles would reduce our property values, which is also of great importance to us.

We want to be treated fairly and with the same respect and consideration as people enjoy in Phoenix, Scottsdale, Tempe, and other cities in Arizona where power transmission lines are buried underground. We know it's a more expensive solution than ugly power poles and lines would be, but the results, both in aesthetics and in safety, would certainly be worth the added expense.

So please stop pestering Tucson residents with ludicrous questions about how big we would like new power poles to be. It's very frustrating to have to deal with your company, TEP, that refuses to listen to what the people you serve truly want. In a nutshell, we want UNDERGROUND power lines, NOT ugly and dangerous power poles and lines. Please listen, and accept that simple fact.

Once you accept that simple fact, we trust that you will be able to find a way to make underground power lines work in Tucson.

Additional Info**Requested Info****Response sent****Response Notes:**

Thank you for your feedback regarding TEP's proposed Midtown Reliability Project. We appreciate your comments and will include them in the project record provided to the Arizona Corporation Commission (ACC).

While many of APS and SRP's "distribution" lines are buried, in all but a few very limited instances, their "transmission" lines are constructed overhead. There is a very big difference between constructing and operating a distribution line underground and constructing and operating a transmission line underground.

We hope you continue to stay engaged in the project as details of the project become more defined. You'll be able to find all the latest information on the project webpage at www.tep.com/midtown. In addition, a public open house will be held on September 21st from 6:00-8:00pm at the Doubletree Reid Park. We hope you can join us and perhaps we can discuss in a little more detail.

Comment Method: Email**Comment Date** 9/5/2023**Category****Concerns Topics**

Support Underground

Heard About**Issues/Phone Message/Comments**

I hope all is going well with you and everyone at TEP. I read the article in Steve K's Newsletter, Date: 09/05/2023, TEP Public Open House and I saw the Midtown Reliability Project video. It is all very impressive. I hope you can get the necessary upgrades needed for the future power demands. Some have suggested underground utilities and it has been said it would be very costly. I would like to suggest an idea that might help with getting underground utilities.

The idea is to place huge pipes in all the washes. The pipes would be so large one could ride golf carts in them when maintenance is required. Then install the various utilities near the top of the pipes. When it rains the water will flow at the bottom of the pipes while the utilities are safely at the top of the pipes. To take the idea one step further the bottom of the pipes could have screens on either side so the water could flow down and be directed to reservoirs. The golf carts would ride on the solid pipe between the screens.

The pipes could be fancy with monitoring technology so one can see everything that is going on from the office or cell phone. To take the idea one step further the ground above the washes and pipes could be filled in and used for various activities. Such as bike paths on one side and walking paths on the other side. In the middle, between the two paths, could be dog parks, community gardens with pumps to get the rainwater from the reservoir dedicated for that section and the overflow water would continue down its path to the other reservoirs, play grounds, or just green space for relaxing or yoga classes.

I wish you much success in your pursuits and thank you for all that you do.

Additional Info**Requested Info****Response sent****Response Notes:**

Thank you for your feedback regarding TEP's proposed Midtown Reliability Project. We appreciate your comments and will include them in the project record provided to the Arizona Corporation Commission (ACC).

I like the out of the box thinking and will raise it with our engineers. We hope you continue to stay engaged in the project as details of the project become more defined. You'll be able to find all the latest information on the project webpage at www.tep.com/midtown.

Comment Method: Email**Comment Date** 9/5/2023**Category****Concerns Topics**Appearance, Support Underground,
Safety**Heard About****Issues/Phone Message/Comments**

I completed the midtown reliability survey but wanted to follow up with additional comments. I am a resident of the Sam Hughes neighborhood.

I was surprised and saddened that the survey only listed above ground lines as the options for running these new transmission lines. It is clear to me and to many residents of midtown that the only acceptable alternative is to run these new transmission lines underground. Please add my voice to those calling for these lines to all be run underground.

We moved to Tucson from Charlottesville, VA, a couple years ago, and they had recently finished a similar project -- all of which they ran in underground tunnels/chases. While it may be more expensive in the short term, in the long term, this solution will have a lasting impact on Tucson.

It will have a huge impact on the beautification of the area. Above ground transmission lines are an eyesore; Tucson already has too many, and we do not need to add more. It will make our grid more resilient, unaffected by high winds and monsoons, as well as safer because there will be no risk of downed power lines. It will also make the city more attractive to business investments in the city as well as to future residents.

Please make the right choice with this project and invest in the future of Tucson by running these transmission lines underground.

Additional Info**Requested Info****Response sent****Response Notes:**

Thank you for your feedback regarding TEP's proposed Midtown Reliability Project. We appreciate your comments and will include them in the project record provided to the Arizona Corporation Commission (ACC).

We hope you continue to stay engaged in the project as details of the project become more defined. You'll be able to find all the latest information on the project webpage at www.tep.com/midtown.

Comment Method: Email**Comment Date** 9/5/2023**Category****Concerns Topics****Heard About****Issues/Phone Message/Comments**

After looking on the MRP webpage's map, we'd like to know whether our industrial complex is included in the Study Area.

The easternmost part of the Country Club Industrial Park LLC is not included in the Study Area on the map.

Am I right in assuming that any tenant or the owner of Country Club Industrial Park is included in the Study Area?

Additional Info**Requested Info****Response sent****Response Notes:**

Thank you for your feedback regarding TEP's proposed Midtown Reliability Project. We appreciate your comments and will include them in the project record provided to the Arizona Corporation Commission (ACC).

Yes, at least part of the Country Club Industrial Park is included in the study area. That said, the intention of drawing the study area boundary east of Country Club Road and not directly down the road was to make it clear that Country Club Road itself was included in the study area and not because we thought there might be an opportunity through parcels east of the road. I hope that provides the clarity you are seeking. We also hope you'll continue to stay engaged in the project as details of the project become more defined. You'll be able to find all the latest information on the project webpage at www.tep.com/midtown.

Comment Method: Email**Comment Date** 9/4/2023**Category****Concerns Topics****Heard About****Issues/Phone Message/Comments**

I haven't seen any activity related to this project yet

Additional Info**Requested Info**

Response sent**Response Notes:**

Thank you for your feedback regarding TEP's proposed Midtown Reliability Project. We appreciate your comments and will include them in the project record provided to the Arizona Corporation Commission (ACC).

While a lot of work was done around the previous Kino-DMP Transmission Line Project, we are beginning fresh, and are only in the initial planning phases of the Midtown Reliability Project. We hope you continue to stay engaged in the project as details of the project become more defined. You'll be able to find all the latest information on the project webpage at <http://www.tep.com/midtown>. In addition, a public open house will be held on September 21st from 6:00-8:00pm at the Doubletree Reid Park. We hope you can join us.

Comment Method: Email**Comment Date** 9/4/2023**Category****Concerns Topics****Heard About****Issues/Phone Message/Comments**

In your postal mailing to me and in your digital (email) mailing to me do not provide the identities and titles of the persons employed by TEP on this project. Could please provide me, in a timely and professional manner (as in, email) that information. Thank you in advance.

Additional Info**Requested Info**

Response sent**Response Notes:**

Thank you for your interest in TEP's proposed Midtown Reliability Project. Our project team is quite extensive, but I am the Program Manager with responsibility for all transmission line siting activities by TEP, including the transmission line included as part of the Midtown Reliability Project. If you would like to meet me and other members of the project team, I would encourage you to attend the upcoming public open house to be held on September 21st from 6:00-8:00pm at the Doubletree Reid Park.

We hope you continue to stay engaged in the project as details of the project become more defined. You'll be able to find all the latest information on the project webpage at www.tep.com/midtown.

Comment Method: Email

Comment Method: Email**Comment Date** 9/4/2023**Category****Concerns Topics**

Renewable Energy

Heard About**Issues/Phone Message/Comments**

So well done!! (in response to other commenter)

Even though I am not in the study area, on the assumption what happens there will become a blueprint for service Tucson-wide, I offer the following observations and suggestions.

TEP's use of fossil fuels and scarce water supplies to generate electricity at higher than necessary financial and environmental costs is costing it the good will it has acquired for decades. Until 2021, the panels I used to generate electricity (more than my house uses on a yearly basis) were all furnished through TEP's Sunshare program. TEP appeared to be embracing rather than resisting technological change. But roughly around 2007 TEP dismantled Sunshare and began passive then active resistance to customer and third-party generated electricity. This resistance has now escalated to a 'war on solar', detrimental to the long-term viability of TEP and the community it serves.

TEP's own data shows an urgent need to add more renewable energy as quickly as possible. Its Energy Tracker shows a gap between the supply of climate-friendly electricity and the demand for power. Until that gap is closed TEP should be concentrating on how to incorporate all the power its customers and third-party providers can furnish rather than discouraging sources from which TEP cannot realize power generation and transmission revenues.

TEP could provide utility-scale distributed storage for its customers' electricity at roughly 1/4th the cost they could provide it for themselves. And TEP could make much better use of that storage than its customers, given current states of grid reliability.

Local generation and storage of electricity has to be much more reliable as well as less expensive than generating that electricity and transmitting it a thousand miles, even if it is a penny or two cheaper than solar. But how could even wind be less expensive than the free electricity provided by your customers' rooftop solar?

When the gap between the demand for and supply of climate-friendly power is closed or even before, my guess is your rooftop solar customers will have no problem paying you for storing their electricity and the cost of sending it to and retrieving it from that storage. With distributed storage in place, TEP could implement a microgrid / community of microgrids architecture that would be much more reliable than depending on power generated hundreds of miles from its end use.

I am sure I am not the only one for whom these questions have arisen. It would be helpful to have answers before your September 21 public meeting.

Additional Info**Requested Info****Response sent****Response Notes:**

Thank you for your feedback regarding TEP's proposed Midtown Reliability Project. We appreciate your comments and will include them in the project record provided to the Arizona Corporation Commission (ACC).

It looks like you had the same questions as someone else, so I'll provide the same response.

Comment Method: Email

TEP is planning to provide more than 70 percent of our power from wind and solar resources as part of a cleaner energy portfolio that will reduce carbon emissions 80 percent by 2035. I'd encourage you to view our web page for our Integrated Resource Plan, which I believe will answer many of your question. You can access this web page at <https://www.tep.com/tep-2020-integrated-resource-plan/>.

Comment Method: Email

Comment Method: Email**Comment Date** 9/4/2023**Category****Concerns Topics**

Renewable Energy

Heard About**Issues/Phone Message/Comments**

Even though I am not in the study area, on the assumption what happens there will become a blueprint for service Tucson-wide, I offer the following observations and suggestions.

TEP's use of fossil fuels and scarce water supplies to generate electricity at higher than necessary financial and environmental costs is costing it the good will it has acquired for decades. Until 2021, the panels I used to generate electricity (more than my house uses on a yearly basis) were all furnished through TEP's Sunshare program. TEP appeared to be embracing rather than resisting technological change. But roughly around 2007 TEP dismantled Sunshare and began passive then active resistance to customer and third-party generated electricity. This resistance has now escalated to a 'war on solar', detrimental to the long-term viability of TEP and the community it serves.

TEP's own data shows an urgent need to add more renewable energy as quickly as possible. Its Energy Tracker shows a gap between the supply of climate-friendly electricity and the demand for power. Until that gap is closed TEP should be concentrating on how to incorporate all the power its customers and third-party providers can furnish rather than discouraging sources from which TEP cannot realize power generation and transmission revenues.

TEP could provide utility-scale distributed storage for its customers' electricity at roughly 1/4th the cost they could provide it for themselves. And TEP could make much better use of that storage than its customers, given current states of grid reliability.

Local generation and storage of electricity has to be much more reliable as well as less expensive than generating that electricity and transmitting it a thousand miles, even if it is a penny or two cheaper than solar. But how could even wind be less expensive than the free electricity provided by your customers' rooftop solar?

When the gap between the demand for and supply of climate-friendly power is closed or even before, my guess is your rooftop solar customers will have no problem paying you for storing their electricity and the cost of sending it to and retrieving it from that storage. With distributed storage in place, TEP could implement a microgrid / community of microgrids architecture that would be much more reliable than depending on power generated hundreds of miles from its end use.

I am sure I am not the only one for whom these questions have arisen. It would be helpful to have answers before your September 21 public meeting.

Additional Info**Requested Info****Response sent****Response Notes:**

Thank you for your feedback regarding TEP's proposed Midtown Reliability Project. We appreciate your comments and will include them in the project record provided to the Arizona Corporation Commission (ACC).

TEP is planning to provide more than 70 percent of our power from wind and solar resources as part of a cleaner energy portfolio that will reduce carbon emissions 80 percent by 2035. I'd encourage you to view our web page for our Integrated Resource Plan, which I believe will answer many of your question. You can access this web page at <https://www.tep.com/tep-2020-integrated-resource-plan/>.

Comment Method: Email

Comment Method: Email**Comment Date** 9/2/2023**Category****Concerns Topics**

Appearance, Support Underground

Heard About**Issues/Phone Message/Comments**

I like how you list the "benefits" of the project, but not the downside.

Those lines need to be buried. Otherwise, those gargantuan lines/poles will be an eyesore that won't be changed for decades. And that's a very big downside.

Additional Info**Requested Info****Response sent****Response Notes:**

Thank you for your feedback regarding TEP's proposed Midtown Reliability Project. We appreciate your comments and will include them in the project record provided to the Arizona Corporation Commission (ACC).

We hope you continue to stay engaged in the project as details of the project become more defined. You'll be able to find all the latest information on the project webpage at www.tep.com/midtown.

Comment Method: Email**Comment Date** 8/31/2023**Category****Concerns Topics**

Historic

Heard About**Issues/Phone Message/Comments**

Tucson is not the only city in the country with historic areas. Midtown Tucson has many historic buildings, structures and areas that I know TEP does not want to interrupt or offend. I recommend TEP perform additional research regarding how power distribution is handled in Historic Williamsburg, San Antonio, Santa Fe, Boston and other historic areas in the U.S. and arrive at additional options for blending in with the historic designs of yesteryear.

Additional Info**Requested Info****Response sent****Response Notes:**

Thank you for your feedback regarding TEP's proposed Midtown Reliability Project. We appreciate your comment and suggestion and will include them in the project record provided to the Arizona Corporation Commission (ACC).

We will look into that and see what we can learn.

Comment Method: Email**Comment Date** 2/28/2024**Category****Concerns Topics**

Cost, Location

Heard About**Issues/Phone Message/Comments**

Verbal comment at Agency Briefing.

Additional Info**Requested Info****Response sent****Response Notes:**

We really appreciate your attendance and participation in yesterday's agency briefing for the Midtown Reliability Project. In that meeting I had committed to getting you a couple of items:

- Shapefile of the proposed draft alternative routes
- Underground transmission cost estimate report

I have attached the alternative routes as individual KMZ files for use in Google Earth, as well as a zipped shapefile that contains all the route alternatives in a single file. I'll caveat that no engineering has been completed on these routes, so the lines do not represent the planned centerline of the transmission line, rather a concept of the transmission line in that general road corridor.

I've also attached a PDF file of the underground transmission cost estimate/report that TEP request Sargent & Lundy to complete in 2022. This report was more relevant to the effort to update the franchise agreement with the City of Tucson to pay the cost differential to underground a portion of the proposed Kino to DMP transmission line, but it includes some information on the technical aspects of installing and maintaining an underground transmission line. Since you were more interested in the installation and operation of an underground transmission line, I've found a report prepared by the Wisconsin Public Service Commission to be very helpful in that regard. That report can be accessed at <https://psc.wi.gov/Documents/Brochures/Under%20Ground%20Transmission.pdf>

I trust this information will make it to you, but sometimes email security has issues with zip files, so if you would confirm receipt of this information it would be appreciated.

Please don't hesitate to reach out if you have any questions or feedback.

Comment Method: Other

Comment Date 1/21/2024

Category

Concerns Topics

Location

Heard About

Issues/Phone Message/Comments

I can't drive after dark but I highlighted my choice. Straight, most direct rt!

Additional Info

Requested Info

No response required

Response Notes:

Comment Method: Letter**Comment Date** 12/12/2023**Category****Concerns Topics**Location, Renewable Energy,
Substation, Environment**Heard About****Issues/Phone Message/Comments**

Dear Tucson Electric Power,

I would like to comment on the TEP Midtown Reliability project that you are currently planning. Here are some items I hope you will consider as you move forward with the project.

1. New Updated Sub-Stations: Yes, these are necessary to keep up with demand and to harden our electric grid. Yes, it will have to be in someone's "backyard." There is currently a sub-station located at the northwest corner of E. Hedrick Street and N. Wilson Avenue. Would it be possible to upgrade this sub-station to meet the demands you have outlined rather than create an entirely new one?

2. Routing Power Transmission Lines Along Alta Vista Street: The map shows these lines could be routed along the 2800 - 2500 block of E. Alta Vista Street or along E. Glenn Street. Have you looked at this section of Alta Vista? It is narrow (was at one time an alley), is all residential, and space is limited. Please, do not route along E. Alta Vista Street. Treat Avenue or Glenn Street would be more appropriate, but not Alta Vista.

3. Alternative to Bringing in Power from Out-of-State: A recent article in the February 2023 edition of High Country News indicated that we have tremendous capacity for generating electricity locally by utilizing the rooftops and parking lots at Big Box Stores. If all 21,363 Big Box Stores in the Western U.S. utilized their roofs and parking lots for solar energy, then 31,035,098 megawatt-hours of electricity would be produced (information courtesy of IEEE Journal of Photovoltaics in March 2022). It would eliminate the need to create large photovoltaic fields that disturb the natural areas along with the plant and animal life in those ecosystems. Has TEP even considered a project like this in the Tucson area as a way to eliminate the expense and concern of constructing large scale transmission lines? If not, please do consider this option.

Though I could not attend the November 16, 2023, meeting in person, please know I am interested and concerned. Thank you for the opportunity to provide comments and I hope some careful listening, common sense, and concern for the Earth and for people, not just profits, will be your priority in this project. I look forward to hearing the results of the November 16, 2023 meeting.

Additional Info**Requested Info**

No response required**Response Notes:**

Comment Method: Letter**Comment Date** 11/10/2023**Category****Concerns Topics****Heard About****Issues/Phone Message/Comments**

This letter is in regard to the midtown project. On this street that I live on, the TEP poles are crooked, split, cracked, and there are lines hanging that aren't connected to anything. Not only all that, but it looks messy and unsafe. The TEP pole closest to where I live is actually cracked all the way up. Also the meters at this property are antiquated. I hope improvements are made here.

Additional Info**Requested Info**

No response required**Response Notes:**

Comment Method: Letter**Comment Date** 9/17/2023**Category****Concerns Topics**Health, Appearance, Location,
Environment**Heard About****Issues/Phone Message/Comments**

Where to begin. Needless to say we in Palo Verde Neighborhood were startled and appalled to learn there was even ANY consideration of placing TEP poles IN our neighborhood down Camilla. The first we heard of it - it was already an option !!

Never mind that many of us have lived on Camilla for a quarter of a century and more - we would NEVER have bought here had their been worrisome power lines so near to our residence. I, like many of my neighbors on Camilla, am outraged that anyone would have even proposed such a thing - with the possibility of DNA damage and other such consequence from living next to an Electromagnetic field.

We residence of the neighborhood are used to see poles down the pubic street to the west - Country Club. People in Blenman Elm bought knowing there were poles running down Country Club. We bought knowing we were a block away from such power lines.

Such installations would be ugly, on a street we've worked hard to beautify with mesquite trees (which also cool our pavement by providing shade, and hope for birds). No one asked us if we would agree to such a consideration for an intrusion by the electric company (that bills us from out-of-state ... not even keeping jobs in Tucson!).

PLEASE please, listen to those of us most affected - DO NOT run power lines, or install huge ugly power poles in our neighborhood. Stick to the main streets of Tucson ...

Most worried and disappointed to learn of this consideration.

Additional Info**Requested Info**

No response required**Response Notes:**

Comment Method: Letter

Comment Date 3/28/2024

Category

Concerns Topics

Appearance, Safety

Heard About

Issues/Phone Message/Comments

Additional Info

Requested Info

No response required

Response Notes:

Comment Method: Comment Form

Comment Date 3/28/2024

Category Resident in Study Area

Concerns Topics

Property Value, Support Underground

Heard About Newsletter Mailing, Word of Mouth,
Other

Issues/Phone Message/Comments

This project needs to seriously considered undergrounding options & the "Halfway Solution". It needs like a lot of knowledgeable people have researched many options & I don't think TEP is willing to consider anything other than what they have always done.

Additional Info

This project will likely devalue our neighborhood & the Tucson community - shame on you!

Requested Info

No response required

Response Notes:

Comment Method: Comment Form

Comment Date 3/28/2024

Category

Concerns Topics

Heard About

Issues/Phone Message/Comments

Additional Info

Requested Info

No response required

Response Notes:

Comment Method: Comment Form

Comment Date 3/28/2024

Category Resident in Study Area

Concerns Topics

Heard About Newsletter Mailing, Public Meeting

Issues/Phone Message/Comments

Sidewalks need to stay open! And not be obstructed by poles

Additional Info

Requested Info

No response required

Response Notes:

Comment Method: Comment Form

Comment Date 3/28/2024

Category Resident in Study Area, Live/Work near Study Area, Special Interest Group

Concerns Topics Location, Environment

Heard About Other

Issues/Phone Message/Comments

Pueblo Gardens has at least 4 grids. We need this taken care of because of all the blackouts brownouts, loss of appliances and is only getting worse because the 4 neighborhoods have been sharing with the Tucson marketplace.

On Martin instead of placing poles on the east side. Place them on the west because solar lights have been recently installed and homes are on the east side. This would be more feasible for the area.

Additional Info

I hope the PTB listen to the majority of the public. Just because we are the poor section of Tucson, our voices can and have become loudest when needed.

Really would like to see this run up Kino because it would be less interference with the environment. I am pleased you are no longer considering down Campbell at 36th.

Requested Info

I would like to be kept updated regarding this project and where it is going.

No response required**Response Notes:**

Comment Method: Comment Form

Comment Date 3/28/2024

Category Resident in Study Area

Concerns Topics

Health, Support Underground

Heard About

Issues/Phone Message/Comments

Strongly prefer this be place UNDERGROUND! I believe elec wires impact peoples health, potentially causing cancer.

Additional Info

Requested Info

No response required

Response Notes:

Comment Method: Comment Form

Comment Date 3/28/2024

Category Resident in Study Area, Live/Work near Study Area

Concerns Topics

Cost, Support Underground

Heard About Newsletter Mailing

Issues/Phone Message/Comments

Would like the UofA & Banner to put forth the funds for underground construction

Additional Info

Requested Info

No response required

Response Notes:

Comment Method: Comment Form

Comment Date 3/28/2024

Category Resident in Study Area

Concerns Topics

Heard About

Issues/Phone Message/Comments

Additional Info

You might decrease objections if you offered to completely repave and improve curbs and sidewalks in all areas affected

Requested Info

No response required

Response Notes:

Comment Method: Comment Form

Comment Date 3/28/2024

Category Resident in Study Area

Concerns Topics

Appearance, Location, Property Value, Historic, Safety

Heard About Newsletter Mailing, Word of Mouth

Issues/Phone Message/Comments

Noise, safety, eye sore, preserving historic residential neighborhoods, decreasing property values

Additional Info

Poles should be placed in industrial, commercial areas only, not in area that make Tucson what it is

Requested Info

No response required

Response Notes:

Comment Method: Comment Form

Comment Date 3/28/2024

Category Resident in Study Area, Live/Work near Study Area

Concerns Topics Appearance, Support Underground, Historic

Heard About Newsletter Mailing, Public Meeting, Other

Issues/Phone Message/Comments

Oppose any utility above ground

Impacting scenic routes and historic neighborhoods

Additional Info

I will make a substantial contribution to plaintiffs + attorneys opposing project

Requested Info

No response required

Response Notes:

Comment Method: Comment Form

Comment Date 3/28/2024

Category

Concerns Topics

Heard About

Issues/Phone Message/Comments

Additional Info

Requested Info

No response required

Response Notes:

Comment Method: Comment Form

Comment Date 3/28/2024

Category Resident in Study Area

Concerns Topics

Heard About Other

Issues/Phone Message/Comments

Please consider using ACCC (aluminum conductor composite core) to "reconductorize" current power poles to increase voltage to the new substation, avoiding new large pylons. ACCC carries more electrical power, has less resistance and sag, etc.

Additional Info

Please watch youtube video: <https://www.youtube.com/watch?v=vkpdvcgquv8>

I talked with Don at the open house

Requested Info

TEP plans for ACCC use in the future

Perhaps run lower than 138kV ACCC lines and step up to 138kV at the new substation

No response required

Response Notes:

Comment Method: Comment Form

Comment Date 3/28/2024

Category Resident in Study Area, Other Interested Party

Concerns Topics

Heard About Newsletter Mailing

Issues/Phone Message/Comments

All my issues as a resident are already addressed

Additional Info

No

Requested Info

Unrelated: my nonprofit would like to invite a TEP employee to be part of our Board or of our large volunteer group.

Response sent**Response Notes:**

I received the comment form you submitted at the Midtown Reliability Project open house the other day. Thank you for your participation.

This response is related to your request to invite a TEP employee to be a part of the board form The Homing Project. TEP is always looking for opportunities to be engaged and support our community. I've copied Wendy Erica Werden and Tara Barrera on this response. They lead up these efforts. I'll leave any follow-up in their capable hands regarding your request.

Comment Method: Comment Form

Comment Date 3/28/2024

Category Resident in Study Area, Live/Work
near Study Area

Concerns Topics Health, Appearance, Support
Underground, Historic

Heard About Public Meeting

Issues/Phone Message/Comments

Overground lines are unsightly and vulnerable to our increasingly volatile weather. 30,000 people were without power last summer for days in killer heat.

Additional Info

Undergrounding lines is the most responsible thing to do. It will protect the public from outages due to weather + protect our fragile Historic District + neighborhoods from uglification. Route 3 is particularly awful in this regard.

Requested Info

Transmission lines must be undergrounded from now on when electricity is out in dangerous weather it is a public health risk. Once can be an act of god. After that it's negligence.

No response required**Response Notes:**

Comment Method: Comment Form

Comment Date 3/28/2024

Category Resident in Study Area

Concerns Topics

Support Underground

Heard About

Issues/Phone Message/Comments

Truth. The claim that voters rejected undergrounding is false. The ballot measure was a climate mitigation measure. It was opposed by the Pima Cty Rep. party because it raised rates to mitigate climate. It was opposed by Democrats b/c it did far little re climate. To claim it was a referendum on undergrounding is a lie.

Additional Info

The peer reviewed literature shows that overhead lines will impose condemnation costs of >\$17m per mile from 36th to Grant. This more expensive than undergrounding. See Der Roriers 2002, Sim Dent 2005, Bolten 1993, Kielisch 2009 and many many more.

Requested Info

Why the octnal cost of undergrounding 230kV lines in Chandler + Phoenix is much less than the estimated cost to do the same in Tucson.

No response required

Response Notes:

Comment Method: Comment Form

Comment Date 3/28/2024

Category

Concerns Topics

Property Value

Heard About

Issues/Phone Message/Comments

Additional Info

Requested Info

No response required

Response Notes:

Comment Method: Comment Form

Comment Date 3/28/2024

Category Resident in Study Area, Live/Work near Study Area

Concerns Topics Support Underground, Environment

Heard About Newsletter Mailing

Issues/Phone Message/Comments

Putting as many distribution + transmission lines as possible UNDERGROUND is the best solution for this endeavor IN THE LONG RUN - cost included. Environmental impact needs to be mitigated immediately

Additional Info

Requested Info

No response required

Response Notes:

Comment Method: Comment Form**Comment Date** 3/28/2024**Category** Resident in Study Area**Concerns Topics**Appearance, Support Underground,
Historic**Heard About****Issues/Phone Message/Comments****Additional Info**

I think there is a LOT of merit and potential in the "Halfway Solution" put forward by Daniel Dempsey and John E. Schwarz. It is very sensible. Seriously consider this option.

Requested Info

No response required**Response Notes:**

Comment Method: Comment Form

Comment Date 3/28/2024

Category Resident in Study Area

Concerns Topics

Location, Property Value, Support
Underground, Safety

Heard About Other

Issues/Phone Message/Comments

Please do NOT put the route on residential streets!!! They are highly "trafficed", especially Highland Ave, and the population density is to great to have transmission lines there. Also having them for long term exposure to noise, emissions, etc. is not safe for neighborhood members. Use major streets, such as Campbell, Euclid, Grant, etc.

Additional Info

If you choose residential streets (Highland, Vine or Norton) they must be underground in those segments. Using industrial areas and major roadways is the only option for our service dominant economy in Tucson.

Requested Info

The property value of our homes will be impacted greater than the impact on commercial properties. Please be cognizant of that as you decide. We are stakeholders too!

No response required**Response Notes:**

Comment Method: Comment Form

Comment Date 3/28/2024

Category Resident in Study Area

Concerns Topics

Heard About Newsletter Mailing

Issues/Phone Message/Comments

I strongly support this project. We need a better electricity grid to beat climate change. You have my support.

Additional Info

Please build it as safely, reliably & affordable as you can.

Requested Info

No response required

Response Notes:

Comment Method: Comment Form**Comment Date** 3/28/2024**Category** Resident in Study Area, Business Owner in Study Area**Concerns Topics** Appearance, Property Value**Heard About** Newsletter Mailing, Public Meeting, Word of Mouth**Issues/Phone Message/Comments**

The transmission towers are incredibly unsightly. To install these along our major avenues through Tucson is a shame. While most cities are working to improve the look of the major avenues, these degrade

Additional Info

Our properties are being devalued while Banner hospital and the research campus will be the major beneficiary of these horrid towers. Yet we with the devalued properties will be paying for it! It is time for TEP to stop using us to make their millions

Requested Info

No response required**Response Notes:**

Comment Method: Comment Form

Comment Date 3/28/2024

Category

Concerns Topics

Appearance, Support Underground

Heard About

Issues/Phone Message/Comments

Additional Info

Requested Info

No response required

Response Notes:

Comment Method: Comment Form

Comment Date 3/28/2024

Category

Concerns Topics

Heard About

Issues/Phone Message/Comments

Additional Info

Requested Info

No response required

Response Notes:

Comment Method: Comment Form

Comment Date 3/28/2024

Category

Concerns Topics

Cost, Support Underground

Heard About

Issues/Phone Message/Comments

Additional Info

Requested Info

No response required

Response Notes:

Comment Method: Comment Form

Comment Date 2/8/2024

Category Resident in Study Area

Concerns Topics

Heard About Project Website, Public Meeting,
Word of Mouth

Issues/Phone Message/Comments

Me gustaria que pudieran eliminar todas las instalaciones mas viejas. Pero que la compania no solo lo sugiera, sino que tambien colaborara con la mano de obra y de ser posible el material o parte del mismo.

I would like you to eliminate all the older installations. But for the company not only to suggest it, but also collaborate with labor and, if possible, the material part of it.

Additional Info

No solamente la sugerencia, sino tambien que la company no quitara del renglon hasta que el Proyecto iniciado fuera termindao de perdido iniciado.

Not only the suggestion, but also that the company not remove the line until the project that had been started was finished.

Requested Info

Cualquier novedad que estuviera al alcance del usuario.

Any news made available to the customer.

No response required**Response Notes:**

Comment Method: Comment Form

Comment Date 2/8/2024

<u>Category</u>	Resident in Study Area, Business Owner in Study Area, Live/Work near Study Area	<u>Concerns Topics</u>	Location
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Heard About

Issues/Phone Message/Comments

Link 39 is overlaid on my rental properties accumulated over 48 years (110 in total). My livelihood and future estate will be greatly impacted by this route.

Additional Info

Requested Info

Response Notes:

Comment Method: Comment Form

Comment Date 2/8/2024

Category Resident in Study Area

Concerns Topics

Appearance, Location

Heard About Newsletter Mailing

Issues/Phone Message/Comments

Aesthetically pleasing as possible. This has to be done.

Additional Info

Campbell makes sense for the transmission lines - it's wider
Vine location makes sense. It is hidden behind UAHS

Requested Info

Maybe for aesthetic purposes, a compromise would be to paint the transmission poles a light green or blue so they stand out less and blend into the surroundings a bit

Response Notes:

Comment Method: Comment Form

Comment Date 2/8/2024

Category Resident in Study Area

Concerns Topics

Appearance, Property Value, Safety

Heard About Newsletter Mailing, Word of Mouth

Issues/Phone Message/Comments

-Neighborhood beauty
-Tucson character
-Safety
Time will make this look worse, ugly!
Who profits from lower home values?

Additional Info

Requested Info

Response Notes:

Comment Method: Comment Form

Comment Date 2/8/2024

Category Resident in Study Area

Concerns Topics

Support Underground, Safety

Heard About Newsletter Mailing

Issues/Phone Message/Comments

1st: We did NOT vote down undergrounding; we voted against an entire package that would have locked us in for 25 years.

2nd: UNDERGROUND UNDERGROUND UNDERGROUND. TEP should be planning to underground all lines eventually.

Additional Info

Think about elderly populations who might not survive a few hours without power during 100+ degree summer temps. Global warming may mean more powerful storms & hotter summer temps. Underground is a safety issue.

Requested Info

Response Notes:

Comment Method: Comment Form

Comment Date 2/8/2024

Category Resident in Study Area

Concerns Topics

Appearance

Heard About

Issues/Phone Message/Comments

Pole color - consider using color that was used for Rillito River transmission line in the 1960s. Rust color is obtrusive and ugly.

Additional Info

Requested Info

Response Notes:

Comment Method: Comment Form

Comment Date 2/8/2024

Category Resident in Study Area

Concerns Topics

Appearance, Location, Support
Underground, Historic

Heard About Newsletter Mailing

Issues/Phone Message/Comments

Giant ugly pylons have desecrated West Grant Road. They have no place in residential neighborhoods and certainly not on residential streets like Cherry.

Additional Info

TEP lines should be undergrounded. The Underground Coalition has determined this will be cost-effective and preserve our residential and historic neighborhoods.

Requested Info

UA and Banner should be generating their own power and solar and should have been doing this for decades.

Response Notes:

Comment Method: Comment Form**Comment Date** 2/8/2024**Category** Resident in Study Area, Business
Owner in Study Area**Concerns Topics** Appearance, Property Value, Support
Underground**Heard About****Issues/Phone Message/Comments**

Aesthetics are important. Tucson's beauty and history need to be treasured and valued. These were not treasured and valued on Grant and the result is TERRIBLE! So ugly! Do better! Put the lines underground! It is as simple as that. Do the right thing and undergrounding is the right thing to do.

Additional Info

Big poles one block from my house will degrade and lower my property value - all to provide lots of \$\$ for TEP's shareholders. This is not fair at all. Yet the TEP shareholders just make a little bit less \$\$ to put the lines underground. It is totally feasible and it is what Tucson wants, that is clear. Again - undergrounding is the right course of action. NOT as for distribution, but for transmission.

Requested Info

Response Notes:

Comment Method: Comment Form**Comment Date** 2/8/2024**Category****Concerns Topics**

Cost

Heard About Word of Mouth**Issues/Phone Message/Comments****Additional Info****Requested Info**

Can you please provide a figure regarding the profit margin TEP is looking to make from this project, especially as it relates to the cost of construction and maintenance? The more specific the numbers, the better.

Response sent**Response Notes:**

We appreciate your attendance at the open house last week for the Midtown Reliability Project. We received your comment, or request for additional information. You asked:

Can you please prove a figure regarding the profit margin TEP is looking to make from this project, especially as it relates to the cost of construction and maintenance? The more specific the numbers, the better.

To answer your question, TEP determined the need for this project after considering customers' growing energy requirements, capacity constraints and the need to maintain or replace aging equipment. Profit margins were not a consideration.

As described during our open house Q and A session, the rates our customers pay are based on the costs of providing their service. Doing so requires ongoing maintenance and upgrades to approximately 5,100 miles of transmission and distribution lines, more than 4,300 cable-miles of underground distribution lines, nearly 100,000 power poles and transmission structures and more than 120 substations. TEP has invested nearly \$1.8 billion since 2018 to upgrade and reinforce our system and facilities.

Rates must be reviewed and approved in a public process before the Arizona Corporation Commission. If you're interested to learn more about our recently approved rates, you can find more information at tep.com/2023-rates.

We hope you'll continue to stay engaged as this important project progresses and route alternatives are identified.

Comment Method: Comment Form

Comment Date 11/16/2023

Category Resident in Study Area, Live/Work
near Study Area

Concerns Topics

Cost, Location

Heard About Newsletter Mailing, Other

Issues/Phone Message/Comments

Cost, do all tax payers pay or just the people in the corridor? People on a fix income have enough problems paying bills. Keep the poles out of all parks. And no, not put poles in a cemetery that is extremely disrespectful.

Additional Info**Requested Info**

No response required

Response Notes:

Comment Method: Comment Form

Comment Date 11/16/2023

Category Resident in Study Area

Concerns Topics

Appearance, Support Underground,
Safety

Heard About Other

Issues/Phone Message/Comments

Consideration of extreme weather contingencies expected due to global warming, and considerations for traffic safety for above ground, traffic adjacent structures. I favor undergrounding for the above and other reasons such as aesthetic erosion.

Additional Info**Requested Info**

**Unable to send
response**

Response Notes:

No contact information provided

Comment Method: Comment Form

Comment Date 11/16/2023

Category Resident in Study Area

Concerns Topics

Appearance, Support Underground

Heard About Newsletter Mailing, Other

Issues/Phone Message/Comments

Beauty is #1. Gigantic, industrial scale power poles have no place in central Tucson. Uglifying Tucson any further will only make TEP customers hate TEP for generations to come.

Additional Info

Undergrounding electric power lines is the ONLY viable solution that is acceptable. Yes, it's a more expensive solution, but it will pay off in the long run.

Requested Info

No response required

Response Notes:

Comment Method: Comment Form

Comment Date 11/16/2023

Category Resident in Study Area, Business
Owner in Study Area

Concerns Topics Cost, Support Underground

Heard About**Issues/Phone Message/Comments**

No overhead lines - do underground

As the useful life will be very long, so will the return of investment - the shareholders should participate in capital cost.

Not disturb the community with large overhead power lines.

Additional Info

How will U of A and Banner benefit and how will they participate in costs.

Send a cross section of underground power line segment.

Requested Info

Response sent**Response Notes:**

Thank you for your attendance at the open house on November 16th for the Midtown Reliability Project. We received the written comment you provided, including your request for a cross section of underground power line equipment. In response, I've included a cross-section that was developed as part of a study TEP commissioned with Sargent & Lundy in order to understand the costs and other factors associated with construction of a transmission line underground.

Comment Method: Comment Form

Comment Date 11/16/2023

Category Resident in Study Area

Concerns Topics

Location, Support Underground,
Safety, Substation

Heard About Other

Issues/Phone Message/Comments

Population density and the safety concerns of 138k transition lines going through neighborhoods with 13k and 12k people per sq mi, West University and Rincon Heights respectively.

Additional Info

Rather than going due north from Kino to Vine, put the substation at Grant, just south of Country Club and have the transition lines go east west on Grant and bury lines from that substation south to Kino

Requested Info

Highschool wash is a riparian area and a flood "basin" and cannot be considered as a possible route.

No response required**Response Notes:**

Comment Method: Comment Form**Comment Date** 11/16/2023**Category** Resident in Study Area**Concerns Topics**

Appearance, Location, Property Value, Historic

Heard About Project Website, Newsletter Mailing, Public Meeting, Word of Mouth, Other**Issues/Phone Message/Comments**

Visuals are so important. The city of Tucson has been making progress as a prime travel destination. It would be terrible to have such terrible huge ugly, industrial-looking power poles alongside scenic corridors and historic neighborhoods. I'm also very concerned about reduced property values of homes along potential routes.

Additional Info

I appreciate your hard work on this project. Please continue your work to find a way to keep any new poles from scenic and historic areas.

Requested Info

No response required**Response Notes:**

Comment Method: Comment Form

Comment Date 11/16/2023

Category Resident in Study Area, Business Owner in Study Area, Special Interest Group

Concerns Topics Location, Historic, Safety

Heard About Newsletter Mailing, Word of Mouth

Issues/Phone Message/Comments

Historic preservation is advanced through mechanisms such as National Register Historic Districts, city zoning, county/state property tax breaks for owner-occupants. All of these mechanisms depend on maintaining the historic streetscape. Overhead lines are deeply problematic in historic neighborhoods, because they change the streetscape.

Additional Info

Safety concerns must be addressed publicly. No one wants Tucson to become the next Lahaina. We saw powerpoles - including metal poles - snap in the July 20 hailstorm.

Requested Info

Safety features/mechanisms

No response required**Response Notes:**

Comment Method: Comment Form

Comment Date 11/16/2023

Category

Concerns Topics

Heard About

Issues/Phone Message/Comments

Placement of poles. I simply want to commend you for the presentation at the open house. The visual boards and progression of them allowed me to understand the project easily. Thank you!

Additional Info

Requested Info

**Unable to send
response**

Response Notes:

No contact information provided

Comment Method: Comment Form

Comment Date 11/16/2023

Category Resident in Study Area, Live/Work near Study Area

Concerns Topics

Location

Heard About Newsletter Mailing, Word of Mouth

Issues/Phone Message/Comments

Would like to see line go north from Kino substation on west side of Martin (328) to Silverlake and Willets, behind Cherrybell Post Office then across UP railroad. Example segments 329-325-330-338-340-364-362-343. Try to keep line in areas that are already industrial/commercial.

Additional Info**Requested Info**

No response required

Response Notes:

Comment Method: Comment Form**Comment Date** 11/16/2023**Category** Live/Work near Study Area**Concerns Topics**Appearance, Location, Support
Underground, Historic**Heard About** Newsletter Mailing, Word of Mouth**Issues/Phone Message/Comments**

1. Impact of 75 ft towers on residential and historic properties
2. Continued degradation of character of our city
3. Lack of maintenance and responsiveness of TEP with regard to aging and capacity of correct impact with towers
4. TEP refusal to use major routes (where 75 ft towers would not be allowed by our ordinances) and intimidating residences with dangerous 75 ft towers
5. Do not use local streets - only arterial streets are appropriate for such intrusive heights and voltages

Additional Info

I live off Mt. Ave where transmission lines were upgraded about a decade ago. Fewer poles and underground distribution lines. TEP does not respond to graffiti removal and removal is done by residents.

Requested Info

1. Creating a public electric utility that puts need above project
2. Coocation of wireless infrastructure on new poles/lines
3. Location of towers on UAZ campus and Banner properties

Response sent**Response Notes:**

Thank you for your attendance at the open house on November 16th for the Midtown Reliability Project. We received the written comment you provided and very much appreciate you sharing your thoughts.

In your comment letter you requested some additional information on several topics, which I will address.

1. Creating a public electric utility that puts need above profit.

TEP strives to be an exceptional energy provider that positively impacts the lives of our customers and communities. We do that in part by doing the right thing and develop efficient solutions to meet the energy needs of the community. That said, I don't have any information on creating a public electric utility but I understand this is something that the City of Tucson is exploring so you might reach out to your local Ward office for an update and additional information.

2. Colocation of wireless infrastructure on new poles/lines.

While not common on transmission poles, there are instances where wireless infrastructure is collocated with a transmission pole on TEP's system. Any proposal would be evaluated on a case by case basis and would be subject to all permitting requirements of that wireless infrastructure.

3. Location of towers on UAZ campus and Banner properties.

Since we're in the early stages of siting the transmission line, we don't where these locations would be, or even if there will be poles located on campus or Banner properties.

Comment Method: Comment Form

Comment Date 11/16/2023

Category Resident in Study Area

Concerns Topics

Cost, Support Underground, Safety

Heard About Word of Mouth

Issues/Phone Message/Comments

Tucson Electric must underground the wires, not string them on those hideous pylons as on West Grant. And why are Banner and UA not using solar when their roots to reduce their demand for TEP power?

Additional Info

The cost of undergrounding would be offset by saving on the type of lawsuits currently facing. Electric utilities in California and Hawaii where downed power lines destroyed both property and human lives.

Requested Info

I would like to know whether any lawsuits have resulted from the prolonged power outage after the big hailstorm last summer, when tens of thousands went without power for days in killer heat.

Response sent**Response Notes:**

Thank you for your attendance at the open house on November 16th for the Midtown Reliability Project. We received the written comment you provided, including your request for information on any lawsuits that resulted from power outages that occurred this past summer following the big hailstorm.

In short, no lawsuits occurred following that major storm. TEP, and other utilities are not liable for Acts of God. The Midtown Reliability Project will replace older wood 46kV poles with new steel 138kV poles. While wood poles can fail, as witnessed this past summer, TEP has never had a steel 138kV pole fail during a violent storm. The Midtown Reliability Project will result in fewer and shorter power outages to homes and businesses.

Comment Method: Comment Form

Comment Date 11/16/2023

Category Resident in Study Area, Special Interest Group

Concerns Topics Renewable Energy

Heard About Word of Mouth

Issues/Phone Message/Comments

I am interested in solar municipal micro grids and 100% renewable energy. How can TEP support this goal for the fossil free future?

Additional Info

As president of the American Renewable Energy Institute, AREDAY.net, I would like to offer my voice and support for energy conservation and innovation. I am open to advising on technology and policy, community, sustainability and resilience.

Requested Info

Community solar and battery

Response sent**Response Notes:**

Thank you for your attendance at the open house on November 16th for the Midtown Reliability Project. We received the written comment you provided, including your request for additional information on community solar and batteries.

The best resource I can point you to on TEP's plans for community scale solar and batteries is the 2023 Integrated Resource Plan that was recently published. That plan, along with additional Clean Energy information is all available at www.tep.com under the "Clean Energy" tab.

Comment Method: Comment Form**Comment Date** 9/21/2023**Category** Resident in Study Area**Concerns Topics**

Support Underground, Historic

Heard About Newsletter Mailing, Word of Mouth**Issues/Phone Message/Comments**

First and foremost is my desire to see the undergrounding of TEP's Reliability Project through mid-town.

Additional Info

The overhead project is in direct conflict with the UA Area Plan and major streets and routes plan. On top of that individuals here invested millions of dollars to preserve this historic heart of the city. In addition, individual citizens have worked for years to protect the historic neighborhoods in the planning area by creating Neighborhood Preservation Zones.

Requested Info

No response required**Response Notes:**

Comment Method: Comment Form

Comment Date 9/21/2023

Category Resident in Study Area

Concerns Topics

Location, Support Underground,
Substation

Heard About

Issues/Phone Message/Comments

I'm concerned about lines and substations being pushed through neighborhoods, especially Jefferson Park to Vine substation. Please stick to major roads.

Additional Info

I'd rather see you go down Campbell rather than go into neighborhoods. Maybe UofA can bury the lines in route to Vine substation?

Requested Info

Potential routes conversations, specifically in Jefferson Park Neighborhood (even though I live in Sam Hughes), also pictures of what it might look like.

Response sent

Response Notes:

Thank you for your feedback at the Open House regarding TEP's proposed Midtown Reliability Project. We appreciate your comments and will include them in the project record provided to the Arizona Corporation Commission (ACC).

Once we get some routes, we'll develop photo simulations of what the proposal might look like. In the meantime, if you'd like to see an example, if you look west of Kino Parkway on 36th Street, the poles on the south side are 138kV poles. If you look on the north side of the road, you'll see some older 46kV poles so that you can compare the two.

We hope you continue to stay engaged in the project as details of the project become more defined. You'll be able to find all the latest information on the project webpage at www.tep.com/midtown.

Comment Method: Comment Form

Comment Date 9/21/2023

Category Resident in Study Area, Live/Work near Study Area, Special Interest Group

Concerns Topics

Heard About

Issues/Phone Message/Comments

Please contact Arroyo Chico Neighborhood Association.

Additional Info

Requested Info

Response sent

Response Notes:

Comment Method: Comment Form