

Irvington-East Loop Transmission Line



Irvington to East Loop 138-kV Transmission Line Project

Stakeholder Meeting

May 7, 2019

9:00-11:00 a.m.

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Agenda

- Introductions
- Project Need & Description
- Role of the Arizona Corporation Commission
- TEP's Design Philosophy
- TEP's Line Siting Process and the Stakeholder Role
- Group discussion of opportunities and constraints

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Introductions

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Project Need

- Growing demand for power in the study area requires new substations.
- New 138-kV transmission line from nearest generation source (Irvington) to serve substations.
- Support Davis-Monthan Air Force Base efforts to meet energy resiliency requirements
- Maintain reliable electric service.
- Meet future capacity requirements.

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Project Description

- New approx. XX-mile-long 138 kV transmission line built with self-weathering steel monopoles between 75-110 feet tall
- New 138 kV Patriot Substation on 16 acre site at Escalante and Kolb.
- New 138 kV Port Substation on 10 acre site at Valencia and Kolb.

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Line Siting Process

- The ACC sites and certifies electric transmission lines greater than 115-kV.
- Line Siting Committee reviews application and makes recommendation to the ACC.
- Project requires a Certificate of Environmental Compatibility.
- ACC Responsible for reviewing:
 - Total environment (fish, wildlife, plants)
 - Existing state, local government, and private development plans
 - Noise
 - Recreational impacts
 - Scenic areas, historic sites & structures, archaeological sites
 - Interference with communication facilities
 - Technical aspects
 - Costs
 - Other applicable federal and state laws

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Design Philosophy

- Work within or next to existing infrastructure and corridors where practical.
- Work with landowners and stakeholders to avoid or minimize impacts to sensitive areas.

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TEP's Line Siting Process

- Identify the need for the Project.
- Identify the Preliminary Study Area.
- Prepare Public Notification Plan/Identify stakeholders.
- Collect baseline data/conduct internal analysis.
- Conduct first public/stakeholder outreach.
- Identify & analyze opportunities and constraints.
- Develop multiple proposed routes.
- Conduct second public/stakeholder outreach.
- Conduct impact assessment/engineering & constructability assessment/route comparison.
- Identify alternative routes to carry forward in ACC application for a CEC.
- Prepare and file ACC application.



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Stakeholder Role

- Review information provided.
- Assist in identification of opportunities and constraints.
- Provide data if requested.
- Attend stakeholder meetings.
- Consult and collaborate, as needed.
- Identify and explain your preferred alternative.

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Discussion

- Focus on opportunities.
- Review segments.
- Document stakeholder input.

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Next Steps

- Public Meeting #1 - May 21st * & 22nd, 2019.
- Incorporate public & stakeholder comments.
- Obtain additional data from stakeholders, if needed.
- Develop preliminary routes.
- Stakeholder Workshop #2.
- Public Meeting #2.
- Identify alternative routes.
- Prepare & file ACC CEC Application Spring 2018.