

This approximately 14-mile proposed 138 kilovolt transmission line would link existing and planned substations to increase reliability for existing and future customers.

PURPOSE and NEED

- Interconnect four substations (two existing, two planned) to increase system flexibility and reliability
- Expand system capacity to accommodate higher peak usage levels
- Create a looped system that will allow new substations to be served from multiple sources
- Help connect local electric grid to new and existing generating resources at TEP's Irvington Campus

BENEFITS

- Strengthen service reliability for customers
- Help meet future energy needs, increases in energy usage
- Help Davis-Monthan AFB meet Department of Defense energy resiliency directives
- Support economic growth in southeast Tucson
- Expand, reinforce electric transmission system
- Support potential future retirement of aging, lower-capacity substations

PROJECT CONSIDERATIONS

- Future energy needs of nearby residential, commercial customers
- Anticipated economic development
- Proximity to existing electric infrastructure
- Project costs
- Geography
- The environment
- Public and stakeholder input
- Other factors



TEP is upgrading the Irvington Substation to accommodate new generating resources.