

DATE: January 26, 2026

TITLE: Tucson Electric Power Santa Rita Connection Project

SUBJECT: Presentation and discussion regarding the proposed Santa Rita Connection Project.

FROM: Anna Casadei, Community Development Director

EXECUTIVE SUMMARY:

Tucson Electric Power (TEP) staff will give a presentation on the proposed Santa Rita Connection Project.

STAFF RECOMMENDATION:

None. Presentation only.

SUGGESTED MOTION:

None. Presentation only.

STRATEGIC PLAN:



Economic Expansion & Placemaking



Outreach & Communication



Infrastructure & Facilities



Highly Performing Organization



Community Well-being

Other

OTHER/GOALS: N/A

FISCAL IMPACT: N/A.

BACKGROUND/ANALYSIS:

TEP is proposing a new 138kV transmission line, that will extend approximately 9-10 miles from the existing Sonoran Substation (located near S Swan Rd and E Old Vail Connection Road) to the proposed Santa Rita Substation (to be located near S Country Club Rd and E Corto Rd). The proposed Santa Rita Substation will support service reliability for distribution customers in the area. It will serve homes and businesses as far north as Sahuarita Road.

TEP has not yet identified a route for the proposed transmission line and is in the process of identifying possible routes. The final route is subject to approval by the Arizona Power Plant and Transmission Line Siting Committee and the Arizona Corporation Commission. The project is expected to be before the ACC in July of 2026.

TEP states that the project will provide benefits to the area in terms of increased capacity and system reliability while also allowing for the retirement of an older 46-kV substation.

The project is currently in the public participation phase. Public input will influence the route that is ultimately selected.

ATTACHMENTS:

1. TEP Presentation (to be provided upon availability)