

# Midtown Reliability Project



Meeting everyday energy needs in the heart of Tucson for a lifetime

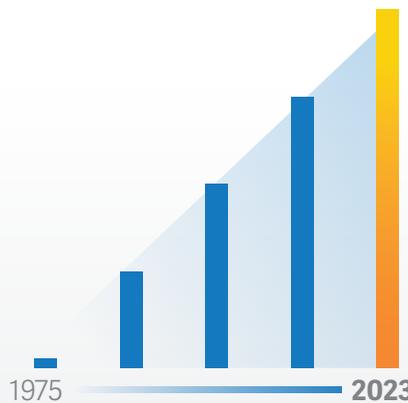
## SHORTER, LESS FREQUENT OUTAGES



- 36,936 households
- 62 neighborhoods
- 6,834 businesses

All will benefit from a new 138-kilovolt (kV) “loop” around central Tucson supplying energy from more than one direction.

## ENERGY FOR A GENERATION OF TUCSONANS



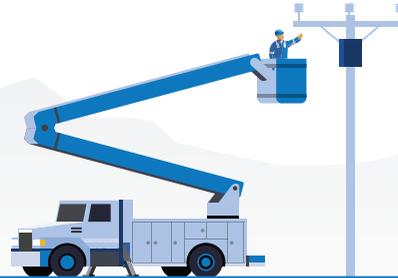
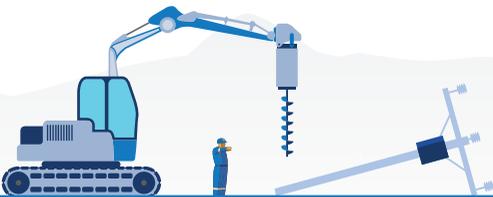
212%

**INCREASE** IN TUCSON'S PEAK ENERGY DEMAND SINCE 1975

THE PROJECT WOULD PROVIDE OVER

**3x** THE CAPACITY OF CURRENT SYSTEMS

## COST SAVINGS, GREATER EFFICIENCY



268 MILES

**4-KV DISTRIBUTION CIRCUITS UPGRADED** TO 14-KV WITH NEW POLES, WIRES, SWITCHGEAR & MORE

19

**MILES** OF 46-KV LINES REMOVED

8

**46-KV SUBSTATIONS RETIRED**

\$52M

**SAVED OVER 15 YEARS** BY AVOIDING REPLACEMENT OF OLDER EQUIPMENT

\$52M

**INVESTMENT** IN OUR LOCAL ENERGY GRID

- A new 138-kV substation
- 7-8 miles of new 138-kV lines

## READY FOR THE FUTURE

- More customer-owned rooftop solar, home battery storage, electric vehicles
- Reduced strain on our local grid, improved service citywide
- Improved reliability in extreme weather



## REACHING OUT FOR CUSTOMER FEEDBACK

100,000+ newsletters • 55,000 emails

sent to midtown homes, businesses and other stakeholders.

[www.tep.com/midtown](http://www.tep.com/midtown)

