Tucson Electric Power

A SUSTAINABLE ENERGY FUTURE

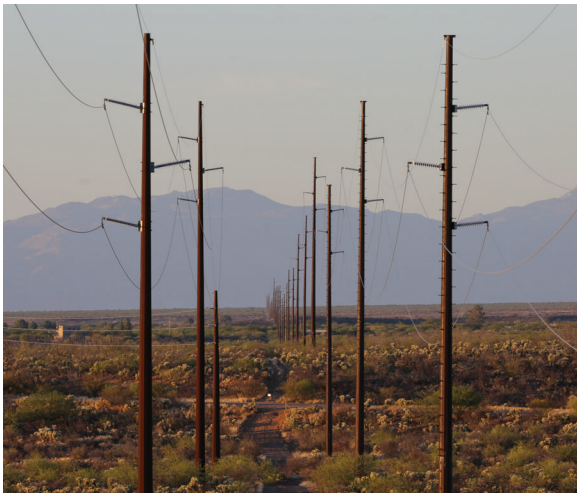
As our community grows and changes, TEP will satisfy customers' future energy needs by investing in efficient, innovative technologies to build a stronger, more flexible and responsive electric grid.

TRANSMISSION RESOURCE IMPROVEMENTS

New and upgraded transmission resources strengthen the local electric system and offer greater flexibility to reduce the length and frequency of service outages.

TEP is evaluating more than a dozen 138 kilovolt (kV) transmission line projects over the next decade.

New transmission resources would support economic development while enabling TEP to deliver power from more diverse and sustainable resources.



ENERGY STORAGE

TEP also expects to make greater use of energy storage systems, which can boost power output levels quickly to help maintain the required balance between energy demand and supply.

FLEXIBLE, EFFICIENT NATURAL GAS RESOURCES

TEP plans to invest in flexible, fast-responding natural gas reciprocating internal combustion engines that provide an affordable way to manage power fluctuations associated with intermittent renewable resources.

These efficient new resources will be built here in our community to help ensure the delivery of reliable electric service to customers.

SOLAR AND RENEWABLE POWER

TEP is expanding solar and wind systems with a goal of delivering at least 30 percent of its power from renewable resources by 2030 – twice the level required by 2025 under Arizona's Renewable Energy Standard.

TEP will buy solar energy at a historically low price from a new 100-megawatt (MW) solar array and an accompanying 30-MW energy storage system. This new, local system will provide power for 21,000 homes.

MOVING AWAY FROM COAL

TEP continues its efforts to retire and replace some coal-fired generating resources with Unit 2 at the San Juan Generating Station in New Mexico, scheduled to be shut down by the end of this year.