

# Cleaner, Greener Grid

## A Brighter Future, Together



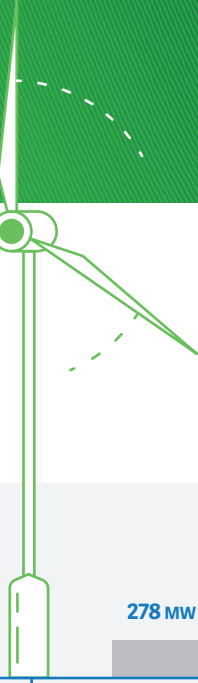
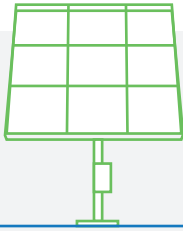
TEP's latest Integrated Resource Plan lays out the path we'll follow through 2038 to serve our customers' energy needs.

90%

of new power resources will come from **renewable and energy storage projects** over the next 15 years

**Net zero greenhouse gas emissions by 2050.**

0%



278 MW

739 MW

2,979 MW

2020

2023

2038

COMMUNITY-SCALE  
CLEAN ENERGY



50  
MILLION  
TONS

80% **LOWER CARBON EMISSIONS  
BY 2035**

Ramping down and retiring our coal-fired power plants will reduce greenhouse gas emissions.

Our carbon reduction goal, developed in partnership with the University of Arizona's Institute of the Environment, represents our fair share of worldwide efforts to limit warming to well below 2 degrees Celsius under the 2015 Paris Agreement.



80% **REDUCTION OF WATER USE  
FOR POWER GENERATION BY 2038**

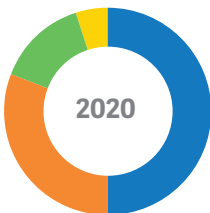
### SIGNIFICANT EXPANSION OF ENERGY STORAGE

2023 – 51 MW of storage

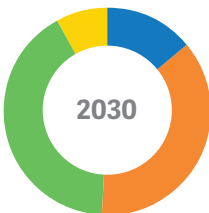
2038 – 1,361 MW of storage



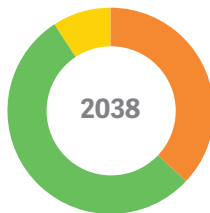
### RETAIL ENERGY MIX



50% – COAL  
31% – NATURAL GAS  
14% – RENEWABLES  
5% – MARKET PURCHASE



14% – COAL  
37% – NATURAL GAS  
41% – RENEWABLES  
8% – MARKET PURCHASE



37% – NATURAL GAS  
54% – RENEWABLES  
9% – MARKET PURCHASE

