

Cleaner, Greener Grid

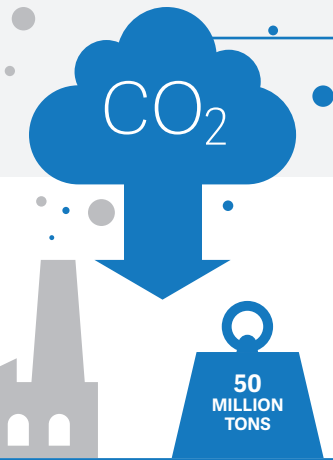
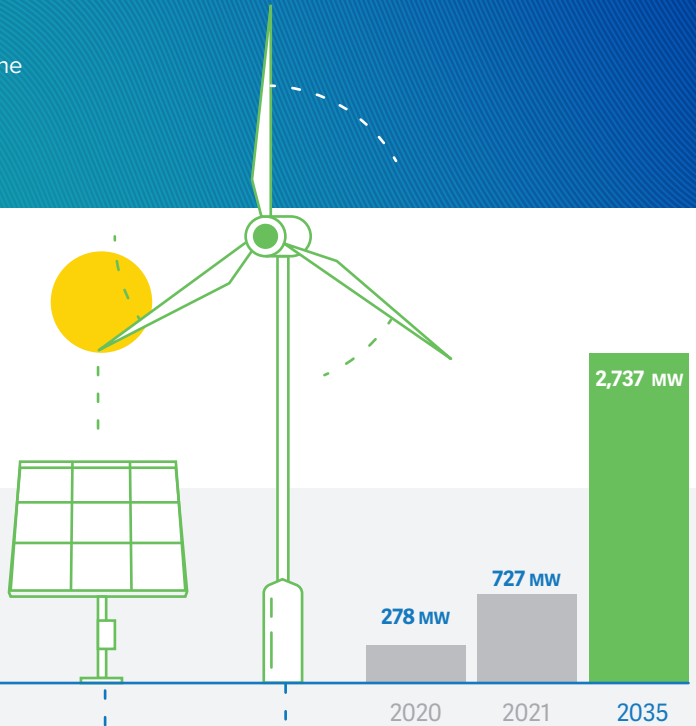


TEP's latest Integrated Resource Plan lays out the path we'll follow through 2035 to serve our customers' energy needs.

70%

OF OUR POWER WILL COME FROM WIND AND SOLAR RESOURCES BY 2035

449 MEGAWATTS (MW) OF NEW WIND AND SOLAR CAME ONLINE IN 2021



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.

WATER SAVINGS

ELIMINATE THE USE OF SURFACE WATER FOR POWER GENERATION BY 2031

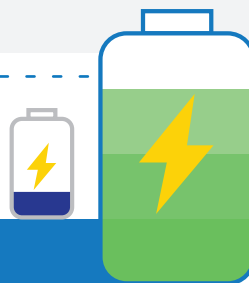
70% REDUCTION OF GROUNDWATER USE BY 2035



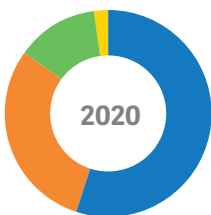
SIGNIFICANT EXPANSION OF ENERGY STORAGE

2019 – 21 MW of storage

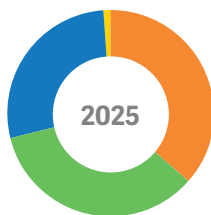
2035 – 1,450 MW of storage



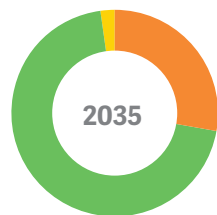
RETAIL ENERGY MIX



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



- 27% – COAL
- 37% – NATURAL GAS
- 35% – RENEWABLES
- 1% – MARKET PURCHASE



- 26% – NATURAL GAS
- 70% – RENEWABLES
- 4% – MARKET PURCHASE

