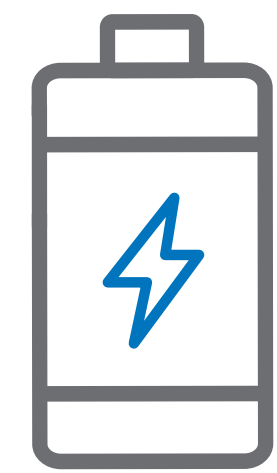


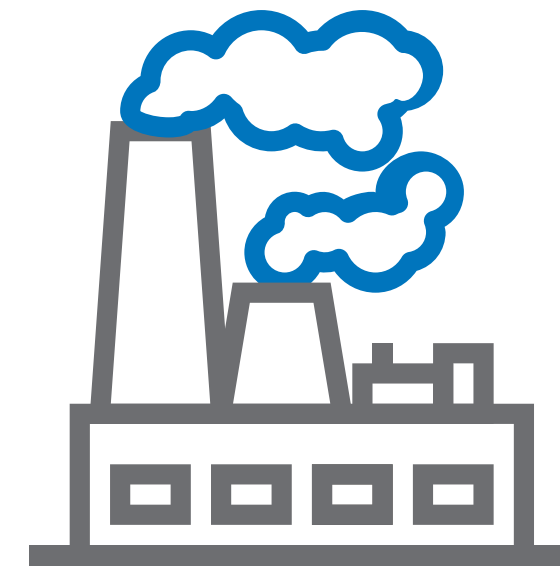


Tucson Electric Power

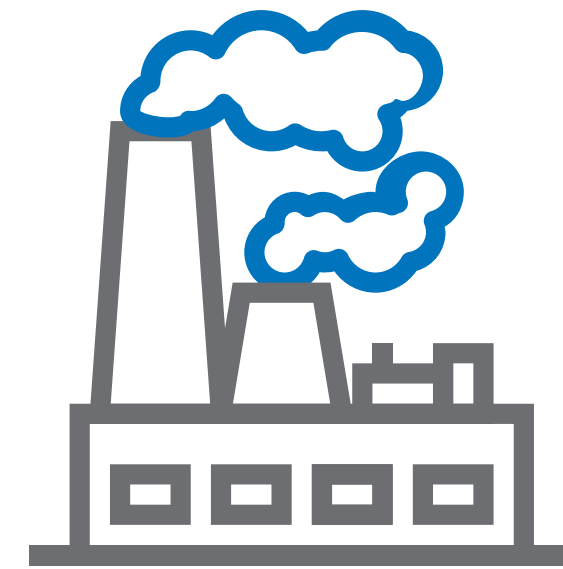
PATH TO ACHIEVING 30% RENEWABLE RESOURCES BY 2030



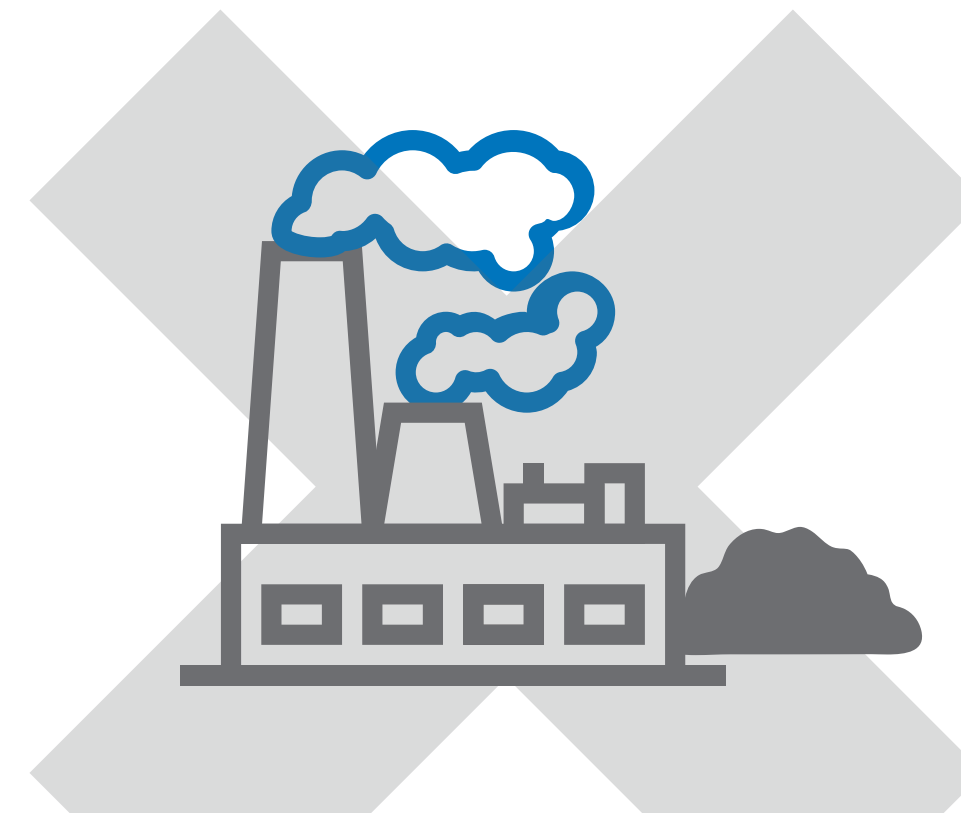
2017
Battery Storage
20 MW



2018
Gila River Unit 2
550 MW



2019
Reciprocating Engines
200 MW



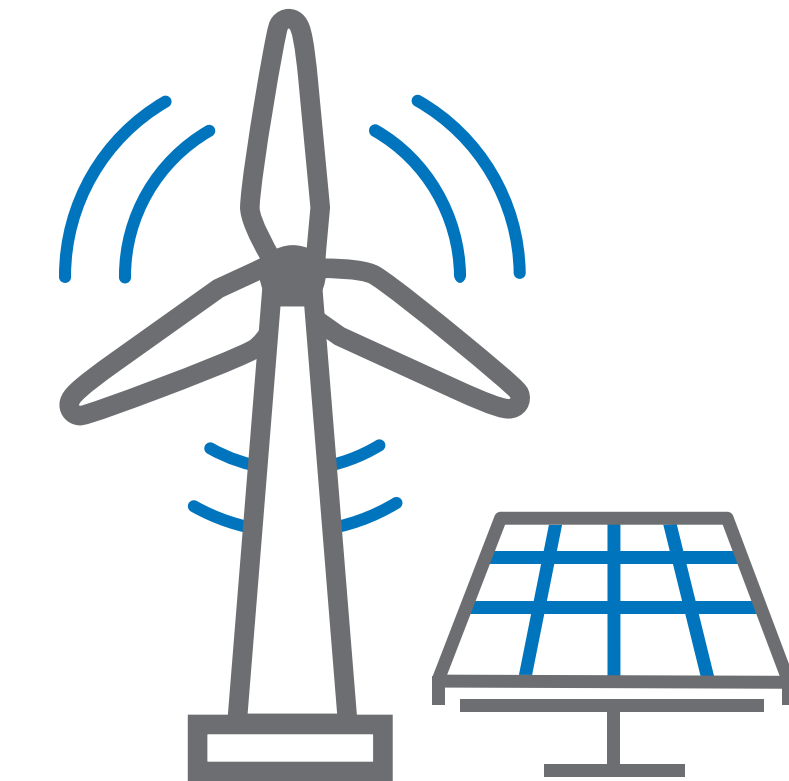
DECEMBER 2019
Navajo Generating Station Retirement
-168 MW



2020
Wind Project
100 MW



2021
Wind Project
150 MW



2030
Target 30% Renewables by 2030
1000 MW



2017

2019

2020

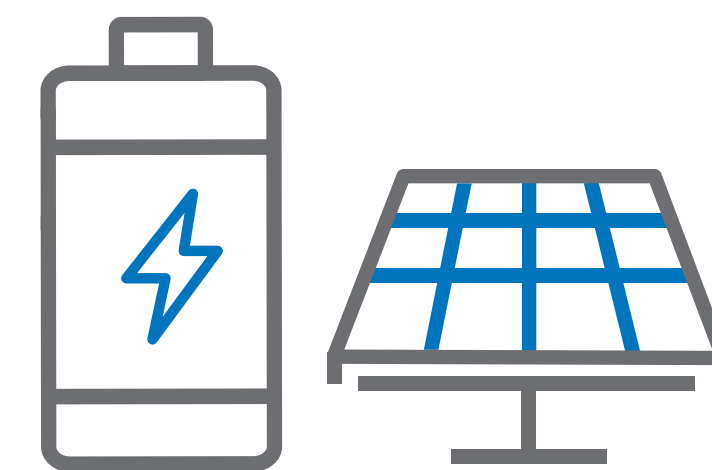
2021

2023

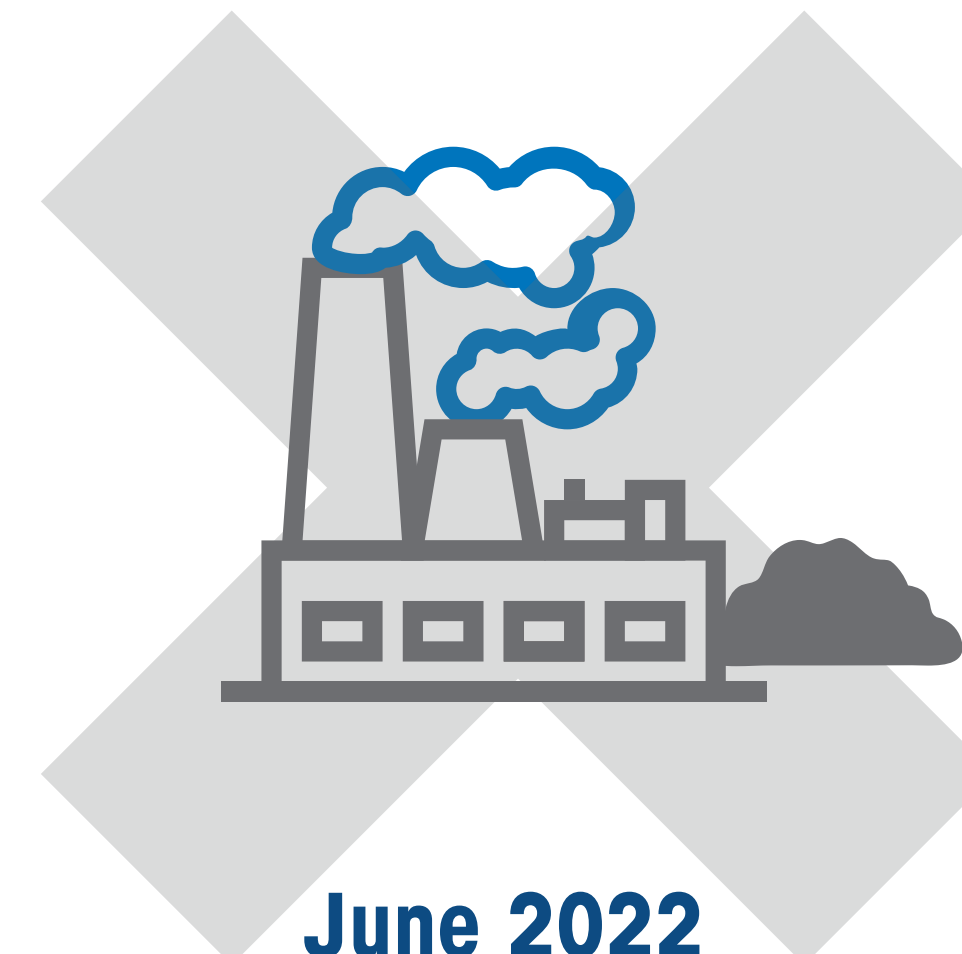
2030



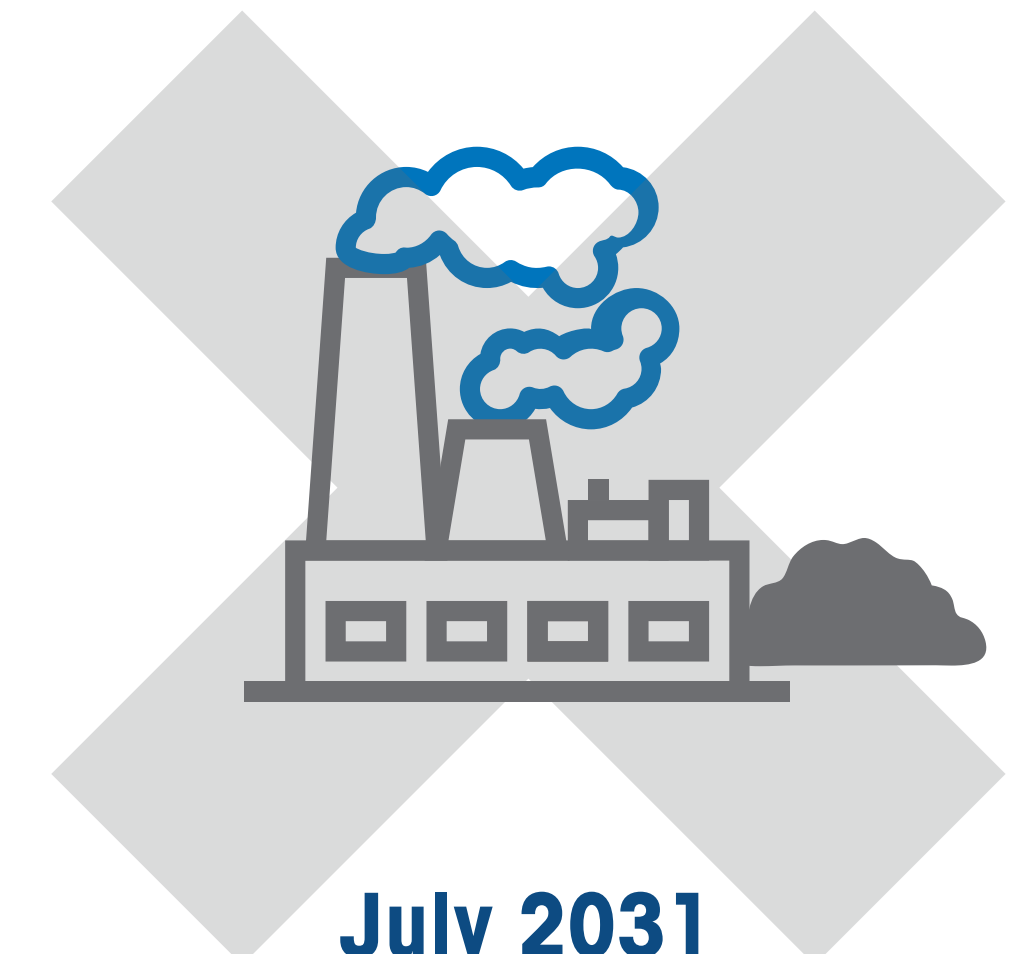
DECEMBER 2017
San Juan Unit 2 Retirement
-170 MW



2020
Solar-Battery Project
Solar 100 MW
Storage 30 MW



June 2022
San Juan Unit 1 Retirement
-170 MW



July 2031
Four Corners Power Plant Retirement
-110 MW