

SCOTTSDALE AIRPORT SUSTAINABILITY REVIEW



SCOTTSDALE AIRPORT SUSTAINABILITY REVIEW

Federally-funded Projects completed at the Scottsdale Airport since 2018:

- Runway 3 Safety Area and Detention Basin Erosion Protection
- Transient Apron Reconstruction
- Delta Apron Reconstruction (Phase 1 & 2)
- Charlie Apron Reconstruction
- Runway 3-21 Electrical Rehabilitation
- Runway 3-21 Rehabilitation
- Airfield Security Fence Upgrades
- Taxiway A Reconstruction (Phases 1 & 2)

SCOTTSDALE AIRPORT SUSTAINABILITY REVIEW

Federally-funded Projects completed at the Scottsdale Airport since 2018:

- Runway 3 Safety Area and Detention Basin Erosion Protection
- Transient Apron Reconstruction
- Delta Apron Reconstruction (Phase 1 & 2)
- Charlie Apron Reconstruction
- **Runway 3-21 Electrical Rehabilitation**
- **Runway 3-21 Rehabilitation**
- Airfield Security Fence Upgrades
- **Taxiway A Reconstruction (Phases 1 & 2)**

Future Federally-funded Projects for 2023:

- **Taxiway A4 Rehabilitation**
- **Airport Drive Rehabilitation**
- **Perimeter Road Rehabilitation**
- **West Side Apron Lighting Upgrades**

Runway 3-21 Electrical Rehabilitation

completed in Fall 2019

avoids using

8,420

kilowatt-hours annually

equivalent to greenhouse gas emissions avoided by diverting

2.5 tons

of waste from landfill to a
recycling facility



Runway 3-21 Rehabilitation Project

COMPLETED IN SUMMER 2021

saved
4,130

gallons of gas

by placing all asphalt millings at
WestWorld of Scottsdale to
improve the existing parking lots



equivalent to greenhouse
gas emissions from

4.6

homes' energy usage
for one year

Replacing taxiway lights and signs with LED
lights on airfield projects from 2018 - 2023
avoids using

30,240

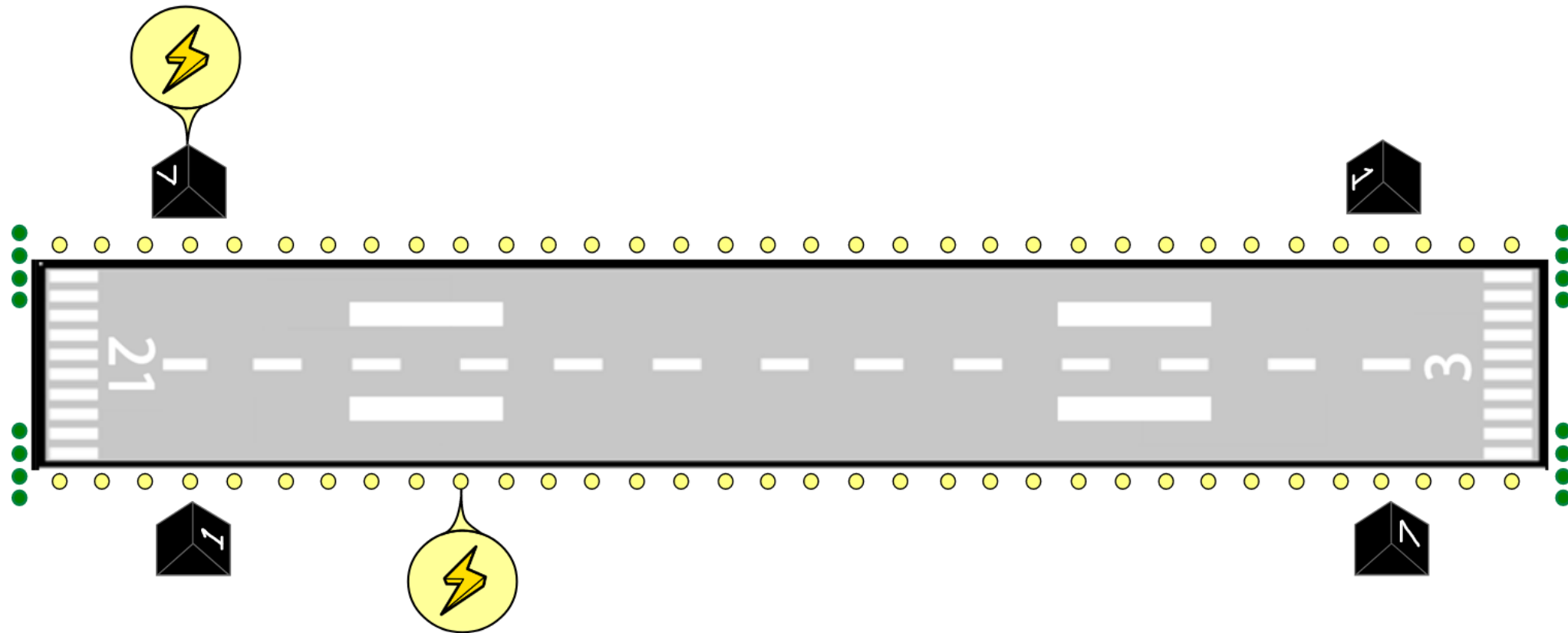
kilowatt-hours annually

Equivalent to greenhouse gas emissions avoided by:

recycling 930 bags of waste



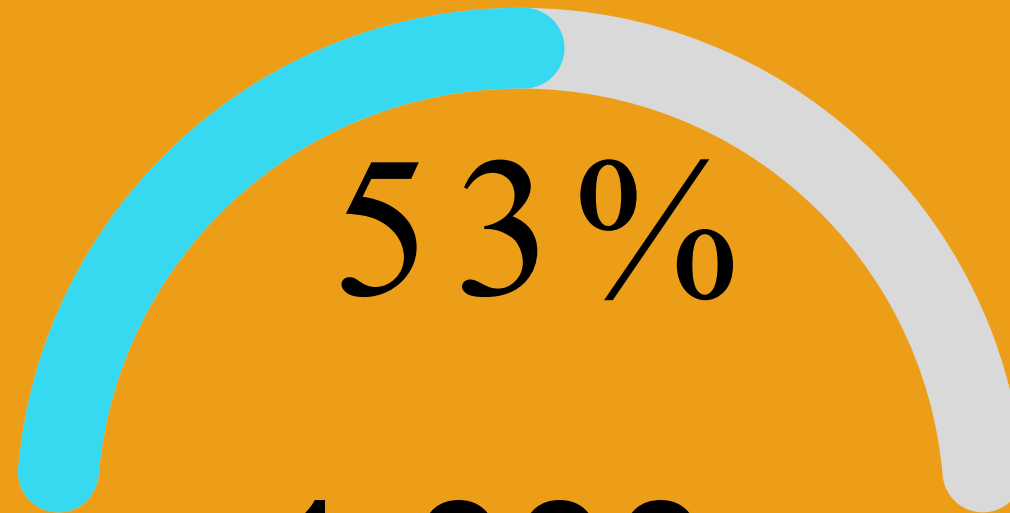
Overall electricity use for the Airport has been reduced by over **50%** since 2018



Perimeter Road Rehabilitation, Airport Drive Rehabilitation, and Taxiway A4 Rehabilitation Projects

to be completed in 2023

Increases life expectancy of the pavements by



Saved **1,000** gallons of gas

equivalent to carbon sequestered by 147
trees planted and grown for 10 years

Westside Apron Lighting Upgrades Project

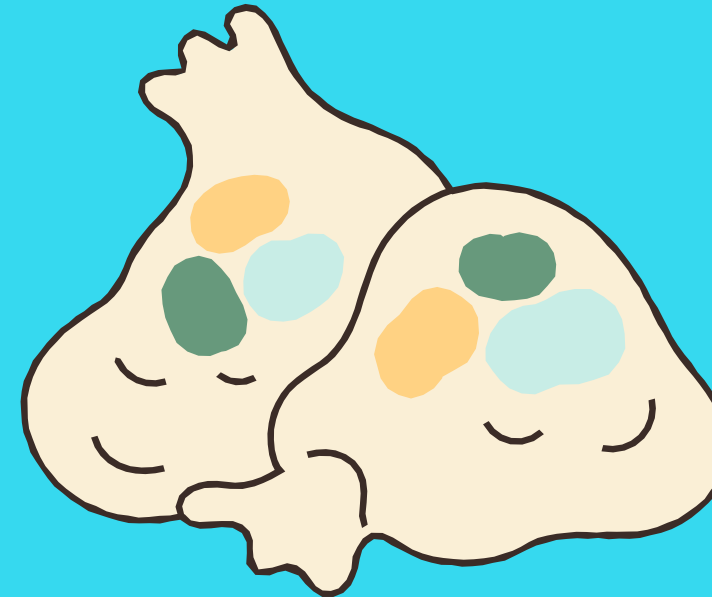
to be completed in 2023

saves

24,090

Kilowatt-hours annually

equivalent to greenhouse gas emissions avoided by
diverting 6 tons of waste from landfill
to a recycling facility.



SCOTTSDALE AIRPORT SUSTAINABILITY REVIEW

Thank You!