

CARBON FOOTPRINT | 2025

PHOENIX DEER VALLEY AIRPORT

The City of Phoenix Aviation Department is committed to meaningful, measurable climate action that reduces carbon (i.e., greenhouse gas) emissions and has established a goal of Net Zero Carbon by 2040. This goal is defined as reducing Aviation Department operational carbon emissions by at least 90% from a 2010 baseline and balancing residual emissions with carbon removals. Aviation Department operational carbon emissions include Scope 1, Scope 2 and Aviation Department business travel, a Scope 3 emissions source.

On an annual basis, the Aviation Department calculates the airport-wide carbon footprint in metric tons of carbon dioxide equivalent (CO₂e) to monitor and evaluate performance. The carbon footprint for the 2010 base year and the 2025 calendar year are included in the table below by scope. Operational carbon emissions have been reduced 59% since 2010.

Scope	Emissions (metric tons CO ₂ e)	
	2010	2025
1 Direct emissions from sources owned and controlled by the Aviation Department, such as fleet vehicles and stationary combustion equipment	65	89
2 Indirect emissions from the consumption of purchased electricity used in Aviation Department buildings and operations	1,183	417
3 Other indirect emissions that occur from airport-related activities outside of the Aviation Department's direct control	N/A	45,558

The Aviation Department participates in Airports Council International's (ACI) global Airport Carbon Accreditation (ACA) program that provides a framework to effectively measure, manage and reduce carbon emissions. The program requires third-party verification audits of the carbon footprint and carbon management approach, thus ensuring accuracy and accountability.

The Aviation Department's Roadmap to Net Zero Carbon guides how emissions will be reduced by reducing energy demand, increasing energy efficiency, sourcing renewable energy and transitioning to electric or alternative fuels. For more details, see the full Roadmap at skyharbor.com/about-phx/sustainability.