

STATE OF SUSTAINABILITY



INTRODUCTION

This is the State of Sustainability: An update on all things sustainability happening at Albuquerque International Sunport (ABQ) and Double Eagle II Airport (AEG). Since the development of its first Sustainability Management System in 2008, the City of Albuquerque Aviation Department (the Department) has made great strides in defining its sustainability goals and the clear, measurable actions needed to achieve them. The Department has aligned its sustainability efforts to support the City of Albuquerque's goal to achieve net-zero emissions by 2050. The Environmental and Sustainability Department works year-round to implement and progress the various sustainability initiatives that make our airports leaders in sustainability. We hope you enjoy this Fall 2025 edition of the State of Sustainability.

Make sure to check out the refreshed ABQ Environmental & Sustainability webpage [HERE](#) to stay up to date on all things sustainability!



AIRPORT CARBON ACCREDITATION (ACA) AT ABQ

The ACA Program is a voluntary worldwide carbon management program for airports that incorporates internationally recognized methodologies and provides a common framework for carbon management, with the

ultimate goal of reducing the carbon footprint of individual airports.

In 2023, ABQ achieved Level 1 accreditation. At the time, ABQ was 1 of only 29 airports within North America to do so. The Department is currently pursuing Level 2 accreditation at ABQ. In addition to fulfilling Level 1 requirements, Level 2 requires evidence of effective carbon management procedures through the development of a Carbon Management Plan and setting of a carbon reduction target. The Department set an absolute emissions reduction target pledging to **reduce its scope 1 and scope 2 greenhouse gas (GHG) emissions* by 90 percent by 2045 using 2021 as a baseline**. An absolute emissions reduction means reducing the total amount of GHG emissions released into the atmosphere, regardless of passenger growth at ABQ.

SETTING SIGHTS ON LEVEL 1 ACA AT AEG

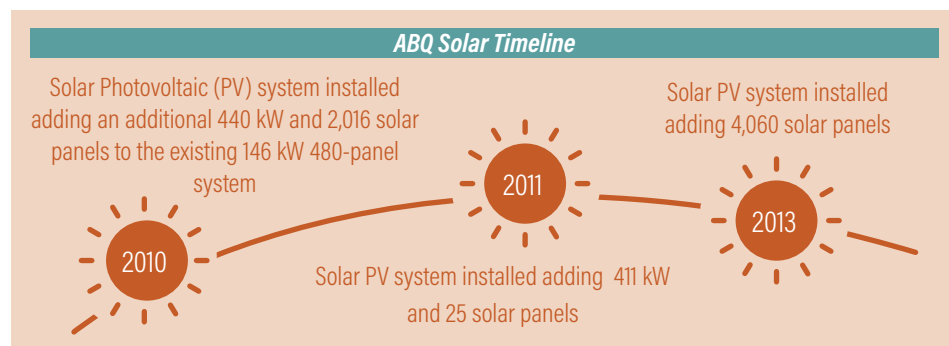
The Department aspires to enter the ACA Program with AEG at Level 1 in 2026. Level 1 accreditation will require AEG to establish a baseline GHG emissions inventory as well



as formalizing a Carbon Policy Statement. Completion of the GHG inventory will involve research into AEG's utility usage in areas such as electric, natural gas, and boiler operations. You can learn more about the ACA program [HERE](#).

EXPANDING OUR SOLAR FOOTPRINT

For over a decade, the Department has invested in solar energy generation at ABQ. As of 2025, approximately 6,500 solar panels have been installed on ABQ parking structure canopies largely funded by the Federal Aviation Administration (FAA) Voluntary Airport Low Emissions (VALE) grant program and the FAA Airport Improvement Program (AIP).



*Scope 1 emissions are defined as direct emissions from airport owned, controlled sources. (Airport facilities & airport fleet vehicles)
Scope 2 emissions are defined as indirect emissions from off-site electricity generation. (Purchased electricity)

Excess power generated from the solar PV system provides electric power to the Sunport terminal building.

In 2024, our On-Call Sustainability Consultant, C&S Companies facilitated a Solar Siting Workshop with participants from across the Aviation Department. The purpose of the workshop was to solicit information on past and current solar siting location options both at ABQ and AEG from Department staff and ABQ consultant, Molzen Corbin. Workshop attendees proceeded to analyze each of the initial 14 solar sites, discussing the benefits and challenges associated with each site location. Data collected from the workshop assisted the Department in finalizing a location for additional solar arrays.

In partnership with Sustainability Partners, a solar canopy is planned to cover the entirety of a new parking lot being constructed for Department employees at the former George Road landfill. The design of the solar canopy is scheduled for this fall and, will have the potential to generate several thousand megawatt hours annually.

CHARGING UP ABQ & AEG

The US Department of Transportation's Carbon Reduction Program (CRP) provides reimbursement funding for projects designed to reduce transportation carbon dioxide emissions from on-road highway sources. The Department wrote a successful CRP grant in 2023 to acquire and install publicly



accessible electric vehicles (EV) chargers at ABQ and AEG. Design is nearing completion with chargers scheduled to be installed in Q3 of 2026.



A Level-2 charger can provide a charge in 60 minutes providing a range of approximately 12-60 miles.



In comparison, a Level-3 charger, also known as a direct current fast charger, provides a range of approximately 180-240 miles in 60 minutes.

In 2018, the State of New Mexico was allocated approximately \$18 million from the Volkswagen Environmental Mitigation Trust Agreement. Projects funded through the trust agreement are focused around reducing the impact of nitrogen oxide emissions associated with vehicles within New Mexico. ABQ was awarded funding to purchase and install two new charging stations that will be owned and operated by the City of

Albuquerque. The City of Albuquerque is moving forward with the installation of two Level-3 chargers this fall.

PUSHING SUSTAINABILITY FORWARD THROUGH THE SUSTAINABILITY IMPLEMENTATION PLAN

The Department has come a long way in developing our strategy for sustainability implementation. In 2022, a Sustainability Visioning Workshop was held to develop a sustainability vision statement that would guide and challenge the Department as a leader in sustainability. The workshop helped to inform the development of the 2023-2025 Sustainability Strategic Plan and Sustainability Implementation Plan. Both plans assist the Environmental and Sustainability Team in more efficiently directing sustainability priorities at ABQ and AEG.

The Sustainability Implementation Plan is organized around nine key areas of focus:

1. **Air Quality and Greenhouse Gas,**
2. **Community Culture Around Sustainability,**
3. **Construction Policies,**
4. **Energy Improvements,**
5. **Involve AV Divisions with Sustainability,**
6. **Operational Tool and Policy Updates,**
7. **Surface Transportation,**
8. **Water Conservation and Water Quality,**
9. **and Waste Management and Recycling.**

The Environmental and Sustainability Team reviews the Sustainability Implementation Plan on a quarterly basis to note completed initiatives, areas of progress, and initiatives to prioritize for the upcoming quarter.

