

2025

EXPLORATION OF ALTERNATIVE CLEAN ENERGY SOLUTIONS

SAFETY BRIEFING

EXITS

In the event of an emergency, know how you will exit out of your space. Know your rendezvous point and offer evacuation support to others with access and functional needs.

FIRE

In case of a fire, know where the closest fire extinguisher and fire alarm pull stations are located.

CPR/AED

Identify who nearby is CPR certified and where the nearest AED is located.

ACTIVE SHOOTER

In the event of an active shooter, be prepared to run if you can, hide if you cannot run or fight as a last resort.

NATURAL DISASTERS

In case of a tornado or other natural disaster, move away from windows, duck under a table or other stable object, clasp your hands and use them to cover and protect the back of your head and neck.

AGENDA

- What this meeting is about
- Our commitment to community engagement
- Interactive listening session – we want to hear from you!



DEN BY THE NUMBERS



26
Airlines

230
Nonstop destinations

35
International destinations serving

19 Countries



Approximately
1,200 companies working at DEN

Over
43,000 employees



Colorado's largest economic engine
\$47.2 billion annually

3RD-BUSIEST AIRPORT IN NORTH AMERICA

6TH-BUSIEST AIRPORT IN THE WORLD (ACI CY 2024)

4/3/25

33.7 million
2020

58.8 million
2021

PASSENGERS
69.3 million
2022

77.8 million
2023

82.3 million
2024

WHY DOES DEN NEED MORE ENERGY CAPACITY?

- DEN is one of the busiest airports in the world and Colorado's largest economic engine. That's a responsibility we take seriously.
- We are actively planning for a future where DEN serves 100 million annual passengers in the coming years, and more than 120 million by 2045—our 50th anniversary.
- Our strategic plans, Vision 100 and Operation 2045, are guiding us to become the greenest airport in the world.
- We are supporting Denver's goal of being carbon neutral by 2040.



VISION 100 ECONOMIC IMPACT

2025 Economic Impact



Vision 100 Economic Impact



Sources: Vision 100 Economic Impact Study performed by Kimley-Horn, EBP US, KRAMER Aerotek
2025 Economic Impact Colorado Department of Transportation (CDOT) 2025 Colorado Aviation Economic Impact Study



Chaos at Spanish and Portuguese airports following mass power outage

By Luke Peters Edited By Emma Yates-Badley
April 29, 2025, 10:08 (UTC +3)



Jose Miguel Sanchez / Shutterstock

Heathrow Was Warned of Power Supply Vulnerabilities, Airlines Advocate Says

The official said he had raised concerns about Heathrow's electricity supply days before a power outage forced it to shut down. Heathrow disputed the relevance of the official's comments.

Atlanta's Hartsfield-Jackson airport restores power after crippling outage

By [Emanuella Grinberg](#), [Jon Ostrower](#), [Madison Park](#) and [Christina Zdanowicz](#), CNN

⌚ Updated 6:44 AM ET, Mon December 18, 2017

CURRENT AND FUTURE ENERGY NEEDS

- North Terminal Expansion
 - 50 new gates as well as additional ticketing facilities, added security checkpoint lanes, international baggage claim areas and greater connectivity for future east and west concourses.
 - Will ensure DEN is prepared for 120+ million annual passengers.



CURRENT AND FUTURE ENERGY NEEDS

- Consolidated Rent-A-Car Facility (ConRAC)
 - Future ConRAC at DEN will provide a one-stop shop for all car rental companies that is covered and more easily accessible for customers.
 - With the influx of passengers expected, we will need 16,130 parking spaces, a 26% increase.



CURRENT AND FUTURE ENERGY NEEDS

- C-West Gate Expansion
 - Only remaining expansion available.
 - 400,000+ sq. ft. facility expansion will accommodate up to 11 new gates.
 - Necessary to meet the demand of 100 million annual passengers.



CURRENT AND FUTURE ENERGY NEEDS

- Electrification of ground service equipment.
- DEN's fleet size: 770 units
- Named #1 Green Fleet of 2025 by NAFA Fleet Management Association.



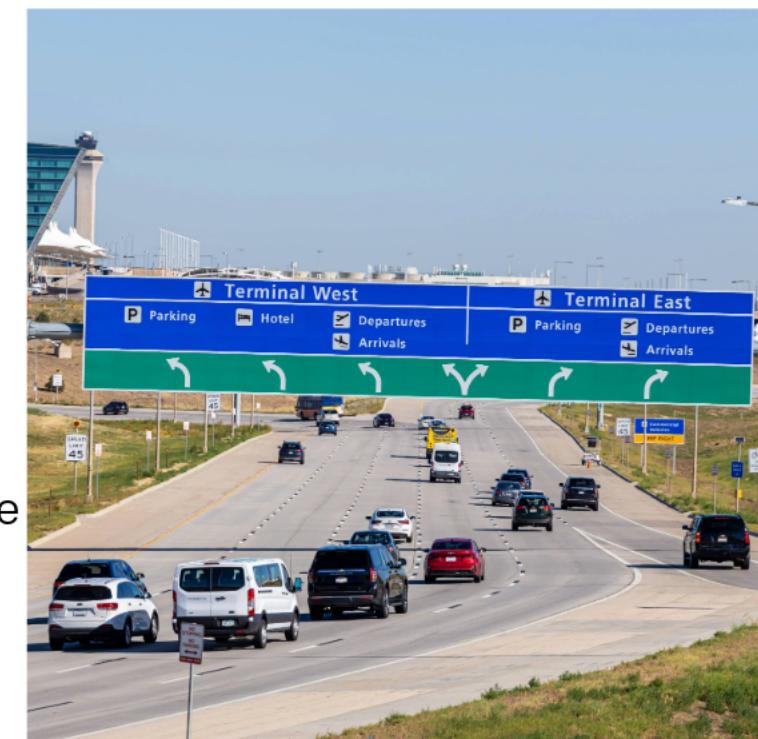
PEÑA BOULEVARD

Transit Demand Management Plan (TDM)

- DEN's goal is to increase passenger transit ridership by 10% and reduce employee drive-alone rates by 10% through 20 strategies.
- Strategies implemented: improved bike storage facilities and real-time transportation information boards.
- Future efforts will include vanpool, carpool and guaranteed ride home programs.

National Environmental Policy Act (NEPA)

- DEN is federally required to conduct an environmental review process under NEPA to make improvements to Peña Boulevard between I-70 and E-470.
- The process will take about two years, and construction could begin in 2028.
- DEN will seek input to help identify the key issues and shape the alternatives we evaluate.



DEN'S SAFETY RECORD

- The safety of our passengers, employees and community is the top priority at DEN.
- Annual FAA Safety Inspection
 - During an annual safety inspection, FAA found “no discrepancies” in DEN’s airfield operations.
 - DEN has achieved this in 7 of our last 9 inspections.
- Safety Management System (SMS)
 - Among the first airports in the country to turn in our SMS Manual to the FAA. The SMS Manual provides a structured framework to proactively identify, assess and mitigate safety risks across all airport operations.



DEN'S CURRENT SUSTAINABILITY AND RESILIENCY EFFORTS

- DEN hosts 11 solar arrays onsite, owns four rooftop arrays on the concourse expansions, and subscribes to 12 offsite Community Solar Gardens.
- Solar projects total over 50 megawatts of capacity.
- Worked with Xcel Energy to install a solar-powered 2.2-megawatt 4.4-megawatt-hour battery energy storage system.
 - Provides emergency backup power to Automated Guideway Transit System.



DENVER INTERNATIONAL AIRPORT

DEN'S CURRENT SUSTAINABILITY AND RESILIENCY EFFORTS

- Two years into construction of the largest Energy Performance Contract (EPC) project in Colorado's history.
- Measures completed to date will save:



20 million kilowatt-hours of electricity



300,000 therms of natural gas



125 million gallons of water each year



Increase energy efficiency by 20%



Reduce water use by 28%



Reduce utilities costs by more than \$4m each year



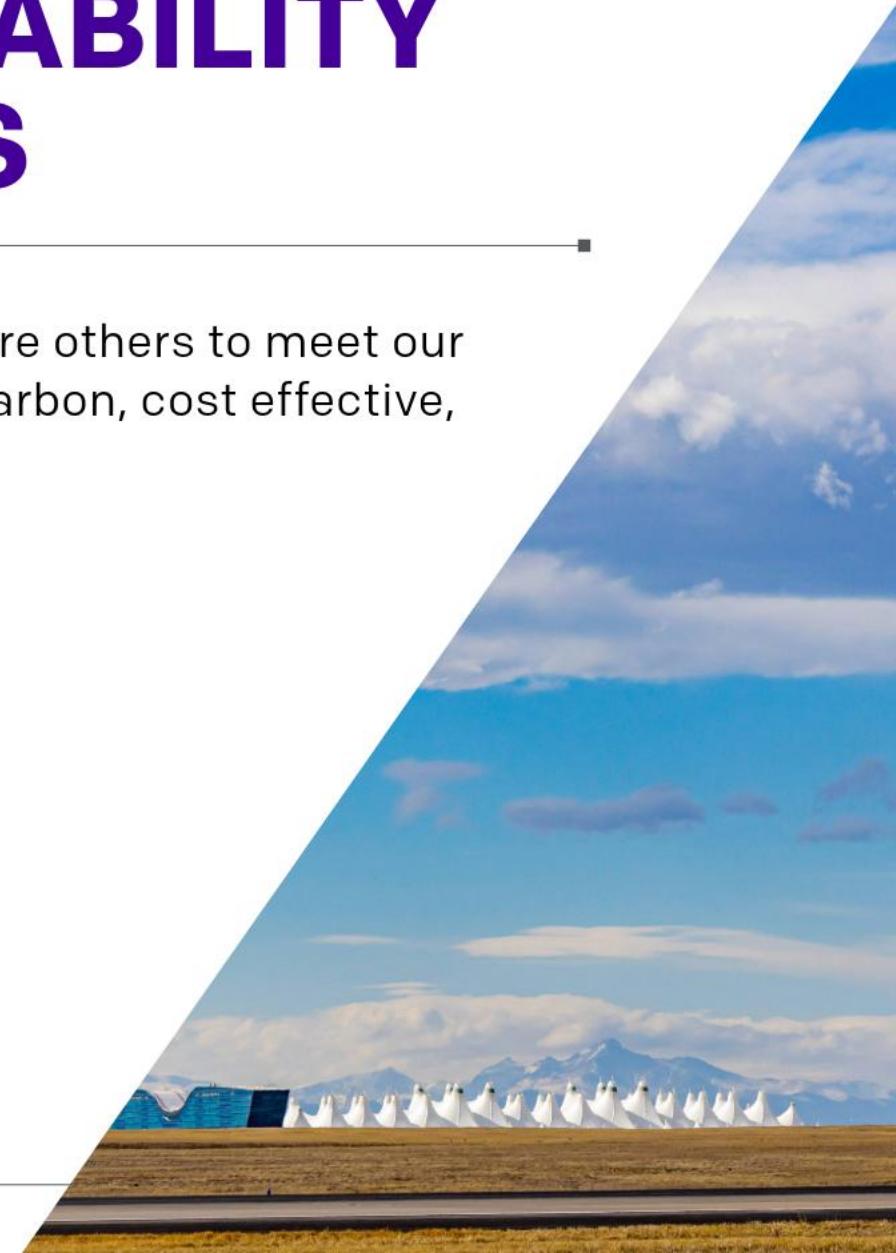
Increased our electric vehicle fleet by over 400% since 2021.

DEN'S CURRENT SUSTAINABILITY AND RESILIENCY EFFORTS

DEN currently utilizes multiple energy resources and intends to explore others to meet our current and future power and fueling needs in a manner that is low-carbon, cost effective, reliable and resilient.

In addition to solar arrays, this includes:

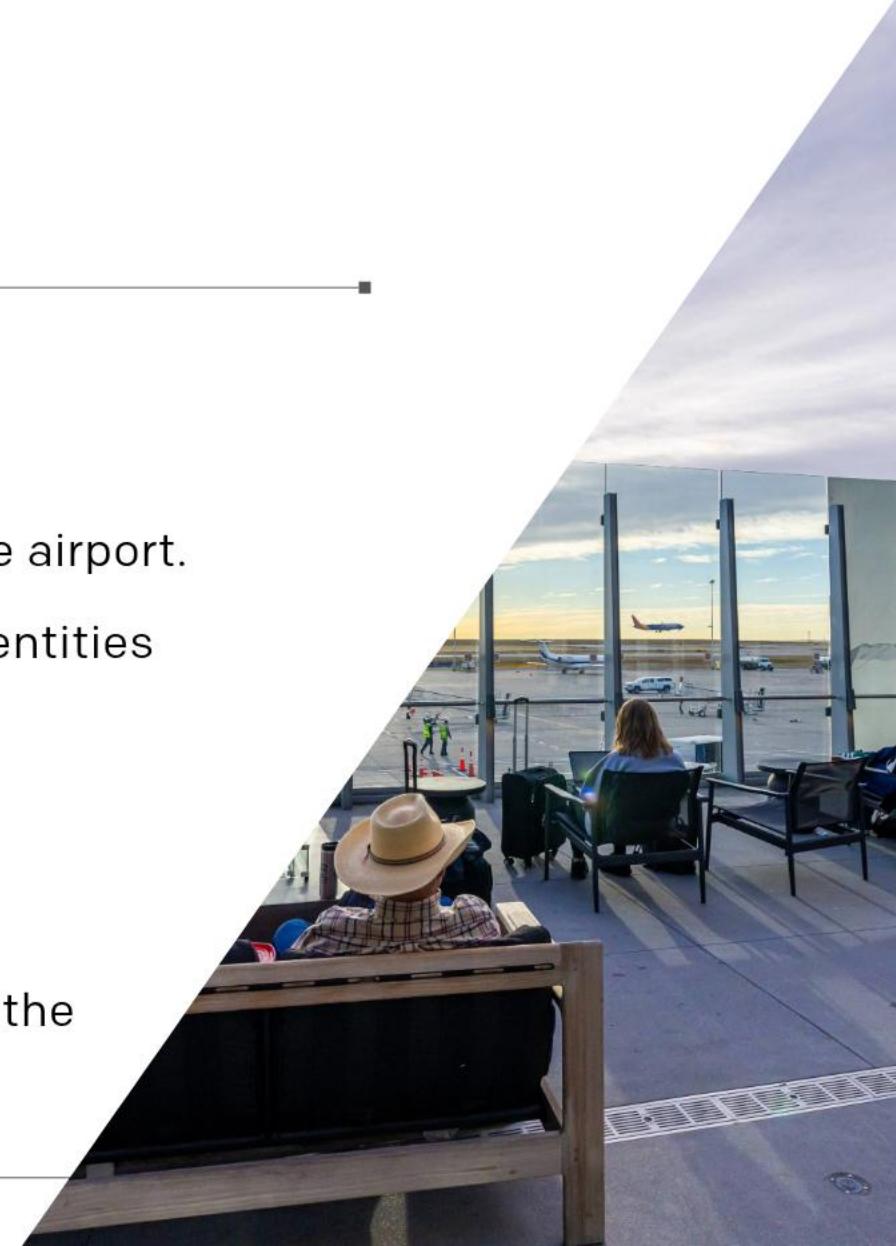
- renewable natural gas
- electrification
- geothermal
- hydrogen
- small modular reactors (nuclear)
- wind
- battery backup to support renewables and microgrid resiliency



ABOUT THE RFI

What is an RFI?

- DEN wants to explore how to integrate clean energy solutions at the airport.
- Requests for Information, or RFIs, are formal documents that help entities gather information.
- An RFI will allow us to understand our options and make informed decisions.
- New clean energy options will create jobs and ensure DEN remains the state's largest economic engine.



ABOUT THE RFI

Themes the RFI is intended to explore:

- Environmental/Natural Resources (incl. water use)
- Funding and Cost
- Safety/Security (incl. waste and health considerations)
- Physical/Site requirements
- Operating requirements
- Community Engagement
- Other considerations



COMMUNITY INPUT AND TRANSPARENCY

DEN's commitments

- Community meetings
- Continued engagement with stakeholders
- Periodic updates to community

COMMUNITY INPUT AND TRANSPARENCY

What we hope to hear from you today:

- There are boards around the room that reflect the potential themes of the RFI.
 - Use the Post-It notes provided to share your ideas or questions today.
 - Your input will be collected and reviewed.

Q&A
