



AVIATION

Where EV Fleets Can Take Airports

Engine efficiency will drive the future

The efficiency of the electric motor alone drives incredible cost efficiency. Even accounting for the charging process, EVs convert electricity from the grid to wheel-turning power at 59%-62%. Gas vehicles only get 17%-21% of the energy in gas to the wheels as power. But it's clear a robust charging solution not only protects efficiency in that energy chain, it's a key component of productive EV fleet operations.



Electric



Diesel



Gas

Lose the gas and diesel, keep the muscle

Gas vehicles generally corner the market on top speed, but with frequent stops and starts (and safe driving habits) more torque is much better and much more efficient for fleet vehicles.



Losing the gas leads to another big win...

There's no simple percentage to express it, but EV fleets deliver much more than cost savings in energy spend and fleet maintenance. They give you energy independence and operational resilience, freeing your operations from the volatility of fuel prices, streamlining your energy sourcing, and creating choice. An EV solution planned for your facility and fleet operations helps you make the most of that freedom.

Consider buying renewable power from the utility to cut your fleet's carbon footprint. Use your new charging infrastructure to store energy on-site for resiliency or generate capacity yourself with solar, fuel cells, or other alternative energy solutions.

It's about your whole operation...

A comprehensive plan includes EV charging for your travelers, too, putting your parking ahead of the curve:

- Competitive advantage over off-site parking
- Improved customer satisfaction and sustainability image
- Opportunity for new revenue streams

In the end, all those benefits depend on a lot...

EV charging, fleet vehicles, your power infrastructure, parking management, and facility services all need to work together. Look for a partner experienced in every piece of the puzzle for airports. ABM has the transportation, technical solutions, and parking management experience you need.

Electric Vehicle Fleets Are Taking Off

All these pluses and minuses add up for airports:

- + operational resilience
- + energy independence
- + passenger satisfaction
- + competitive advantage for parking*
- operating costs
- maintenance costs
- energy consumption
- carbon footprint



* By 2025,
EVs and hybrids will be
30% of all new vehicle sales.

THE ELECTRIFICATION ECO SYSTEM



Transportation

Shuttles and Buses
Ground Support Equipment
Food Trucks



Technical Needs

EV Chargers
Microgrids
Renewable Energy



Facilities

Parking
Janitorial
Maintenance

FUNDING

ENERGY

SUSTAINABILITY

RESILIENCY

LABOR

How does one partner's experience with the entire EV charging ecosystem better serve you?



Simplify

Fewer vendors
simplify your value chain.



Simplify

Better planning for
total cost of ownership.



Simplify

One clear focus on results for
sustainability and traveler satisfaction.

ABM serves 75+ airports globally*



*including 27 of the 30 busiest airports in the U.S.



We operate **800+**
buses for airports



We've installed **12,000+**
charging points



We manage **6+ million**
parking spaces

ABM provides EV infrastructure for high profile car brands,
local governments, schools, the U.S. Navy, and more.

Call 866.624.1520 for the team that does it all.