



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. A robust charging solution protects the cost efficiency of that energy chain, creating savings that empower better choices.



Electric



Diesel



Gas

Lose the gas, keep the muscle

Where gas vehicles still win, campus transportation can afford to lose. With frequent stops and starts (and safe driving habits) more torque is more efficient. That's the win you want.



Efficiency is Cost 101, but sustainability is our future

There's no simple percentage to express it, but the benefits of EV charging go beyond cost savings. Moving your campus fueling paradigm from gas to EV supercharges sustainability.

An EV solution cuts your carbon footprint when you can replace gas with renewable power sources. Use your new charging infrastructure to store energy on-site for resiliency or generate your own green energy capacity.

Electric shuttles are just the start. Imagine electric cars for ride sharing, electric scooters and e-bikes, all powered by rooftop solar, fuel cells, or other alternative energy solutions, all on a campus microgrid using battery technology to keep everyone moving.

It's about more than transportation...

A comprehensive plan includes EV charging for your student, faculty, staff, and visitors, too, putting your parking ahead of the curve:

- Improved sustainability image
- Opportunity for new revenue streams

All these benefits depend on your facility ecosystem...

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 that puzzle for higher education facilities. ABM has the transportation, technical solutions, and parking management experience you need.

EV Can Change Your Campus Ecosystem



Why are colleges and universities converting to electric vehicles?

Because these pluses and minuses all add up:

- + operational resilience
- + energy independence
- + student and staff 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.



Transportation

Shuttles
Buses
Delivery Vehicles



Technical Needs

EV Chargers
Microgrids
Renewable Energy



Facilities

Parking
Janitorial
Maintenance

All the benefits of EV upgrades depend on your ecosystem of facilities and operations working together to serve students, faculty, and staff. Do you know a provider that handles all of the above, with expertise in funding and labor?

How does one partner with all that expertise serve you?



Simplify

Fewer vendors
streamline your value chain.



Simplify

Better planning for
total cost of ownership.



Simplify

One clear focus on results like
student retention and sustainability.

ABM serves 150+
Colleges and Universities*



* with 29% energy use
reduction for energy projects.



We operate
1,000+ shuttles



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



We manage **6+ million**
parking spaces

ABM provides EV infrastructure for schools and local governments
that's conscious of your entire energy and operations ecosystem.

Call 866.624.1520 for the team that does it all.