ELECTRIC VEHICLE (EV)

DRIVING INNOVATION
WITH EV ADOPTION

McCarthy Building Companes, Inc. (McCarthy) is leading the construction industry in adopting innovative technology, including strategically implementing EVs. As the construction industry evolves, this integration underscores our commitment to operational excellence and sustainability while delivering real-world value to clients.

ADVANCING SUSTAINABILITY AND
EFFICIENCY IN CONSTRUCTION

By integrating EVs into our fleets where they make operational sense, we leverage advanced battery technology, smart vehicle management systems, and enhanced connectivity to boost efficiency.

Environmentally, adopting EV technology in strategic locations reduces greenhouse gas emissions and fossil fuel consumption, fostering healthier work environments for employees and surrounding communities.

Aligning with client values, this effort strengthens our role as a responsible partner in client supply chains and exemplifies our core value of All-In.

Benefits of EV Adoption:

- **Improves operational efficiency** through advanced battery technology and smart vehicle management systems.

- **Reduces greenhouse gas emissions and fossil fuel consumption** for cleaner job sites and healthier communities.

- **Aligns with client priorities for sustainability,** enhancing partnership and supply chain responsibility.

- **Ensures compliance** with fleet-related environmental regulations.

DID YOU KNOW?

EVs provide significant environmental benefits throughout their life cycle, reducing greenhouse gas emissions from manufacturing to disposal[1]. They are also more energy-efficient than traditional fossil fuel vehicles, even when powered by non-renewable sources[2]. Additionally, EV batteries are recyclable, with materials repurposed for renewable energy storage, supporting sustainable energy solutions[3].

57%
FEWER GREENHOUSE GAS EMISSIONS[1]

91%
ENERGY EFFICIENCY[2]

95%
OF EV BATTERY MATERIALS RECYCLED[3]

[1] Green Energy Consumers Alliance. Lifecycle Emissions of Electric Cars vs. Gasoline. https://blog.greenenergyconsumers.org/blog/lifecycle-emissions-of-electric-cars-vs.-gasoline
[2] Yale Climate Connections. Electric Vehicles Use Half the Energy of Gas-Powered Vehicles. https://yaleclimateconnections.org/2024/01/electric-vehicles-use-half-the-energy-of-gas-powered-vehicles/
[3] UtilityDive. EV Batteries Can Be Repurposed as Grid Storage to Reduce Battery Supply Chain Impacts. https://www.utilitydive.com/news/ev-batteries-repurpose-recycle-grid-storage-microgrid-nrdc/686200/