



EV road mapping made easy.

Analysis helps fleets electrify with confidence.



Why Fleet Electrification Analysis?

Electrifying a fleet of hundreds of vehicles can be a daunting task. That’s why GM Envolv has developed a data-driven Fleet Electrification Analysis process to help companies – like national construction and energy services firm McKinstry – evaluate their readiness for EV adoption and make informed, data-driven decisions.

How It Works

The Fleet Electrification Analysis combines two assessments to uncover insights into fleet operations:

Fleet Driver Survey

Assesses EV interest and compatibility across a workforce by evaluating factors such as driving habits, home charging readiness and potential adoption barriers.

Telematics Analysis

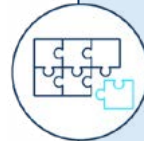
Analyzes real-world driving habits to recommend suitable EVs and charging solutions, addressing battery range concerns.

RESULTS



SIMPLE

Simplifies decision-making with clear data insights



TAILORED

Tailors solutions to meet individual fleet needs



SCALABLE

Helps **scale** EV adoption responsibly



QUICK

An EV Road Map with summarized insights in your inbox **within 4 weeks**



DATA-DRIVEN

Produces a **data-driven** report to assess fleet readiness and charging needs



ACTIONABLE

Creates a **phased road map** to help organizations electrify over time

Electrification at McKinstry

With EVs offering cost and efficiency gains, businesses like McKinstry demonstrate how informed choices made using GM Envolve's Fleet Electrification Analysis can transform fleet operations with confidence.



SILVERADO

Fleet Electrification Analysis

GM Envolve helped McKinstry identify the perfect fit for the company's fleet needs.



Operational Demands

GM Envolve helped validate that the Silverado EV met the company's work truck requirements. Its ability to accommodate specialized upfits and equipment made it the right tool for the job.



Telematic Tools

GM Envolve analyzed telemetry data to better understand driving habits, proximity to public charging, time required to recharge, driver range requirements and more, giving McKinstry a clear view of ICE-to-EV compatibility across its fleet.



Practical Charging Solutions

The analysis identified charging solutions including home, workplace and public. GM helped McKinstry identify charging strategies based on data from the telematics analysis and driver survey – a playbook for success tailored to optimize McKinstry's business.

McKinstry's Key Learnings

EVs require less maintenance vs. ICE



Up to 50% reduction in fuel costs vs. ICE



Incremental implementation eases transition



Upfits using lightweight materials help minimize range loss



A data-driven approach can help alleviate range anxiety

About McKinstry



McKinstry, a national construction and energy services firm, has prioritized electrifying its fleet of more than 860 vehicles by 2030. The company has so far integrated 114 EVs – 100 of those being Chevrolet Silverado EVs – into its operations.

"We're not electrifying our fleet because it's a popular or unpopular thing to do. We're doing it because we want to reduce our carbon footprint here at McKinstry, because we like to do things that are good for our environment and good for the places that we work – our communities."

– Ryan Winchester, Fleet Manager, McKinstry

Get Started

Cases like McKinstry's demonstrate how a data-driven approach to fleet electrification can lead to solutions that are right for your organization. To learn more about how a Fleet Electrification Analysis can help you electrify your fleet, contact your GM Envolve Account Executive.