



High-Power Charging Facilities for **Electric Medium and Heavy-Duty Truck Fleets**

What you can't see can make all the difference. Behind electric vehicle (EV) charging facilities are elaborate energy systems that, when well-designed, provide the cleanest, lowest cost energy, at the right time, and without fail.

Black & Veatch makes the invisible invaluable by helping fleet managers scale fleet charging, reach operational goals, and create an enduring framework for sustainable growth.

Planning for Success

Fleet managers are transitioning to electric fleets to create a future competitive advantage with more efficient operations, stabilized long-term costs, built-in resilience, and reduced tailpipe emissions. A successful electric fleet takes comprehensive planning. Black & Veatch guides fleet managers through the process, from up front electrification planning through commissioning.

Distinct Advantages

Black & Veatch is a leader in clean transportation and energy storage infrastructure. We combine our specialized experience with our 100-year engineering legacy to scale EV projects nationwide:

- Turnkey engineering and construction for light, medium and heavy-duty charging networks
- Electric utility compliance requirements for effective coordination and construction
- Safety management services
- Scalability offering
- Environmental and land services
- Electrification planning and design
- Renewables and energy storage integration

Unsurpassed Knowledge

We are building the largest and most complex charging networks in the U.S., applying our expertise in transportation, power delivery, and integrated infrastructure systems. Our depth of resources and proven construction approach enables one-site or concurrent, multi-site deployment.

We effectively collaborate with the electrification ecosystem to deploy cost-efficient, sustainable, and resilient transportation and energy systems. Black & Veatch leverages experience and relationships in these areas to ensure insightful charging planning and deployment: electric utilities, charging management, distributed generation and storage, OEMs (EV, FCEV and Charger), energy management, software and IoT, networks and communications, service providers, and government agencies.

Black & Veatch deployed:



165+ GW
of renewable energy



43%
of all U.S. DC
Fast Chargers



2,500 MWh
of energy
storage engaged



EV charging in
46
states and Canada



1,673 MW
of fleet and
public charging



Over
55,000 kW
networked energy storage
for EV peak shaving

