Electric vehicle (EV) adoption is outpacing predictions, and trends point to rapidly increasing sales of consumer and commercial EVs within the next two decades. Rapid and scalable deployment of charging infrastructure is critical to fill current demand and drive adoption.
Unsurpassed Knowledge

We are building the largest and most complex charging networks in the U.S., applying our end-to-end knowledge of transportation, power delivery, and integrated infrastructure systems. Our breadth of resources and proven construction approach enables concurrent, multi-site execution. Effective collaboration is critical, and we work alongside industry leaders such as:

- EV service providers
- Fleet managers
- Utilities
- Fleet OEMs and service providers
- Automakers

Distinct Advantages

A leader in zero-emission vehicle infrastructure and energy storage, Black & Veatch has been involved in our new mobility from the earliest stages and are currently deploying the newest technologies. Through 100 years of engineering experience, Black & Veatch offers services and solutions to scale projects nationwide:

- Turnkey engineering and construction solution for light, medium and heavy-duty charging networks.
- Renewable energy and energy storage integration
- Safety management services
- High-density depots and logistics for autonomous and urban fleet infrastructure deployment

Site Selection and Permitting

Speed to market is critical. Our relationships, experience, and knowledge save valuable time during site selection, utility coordination, and permitting phases. Black & Veatch conducts site evaluations to address each site’s unique zoning, permitting, construction and utility requirements. Our experts consider regulations, convenience, end-user experience, and cost optimization, as well as jurisdiction and community preferences. Our expertise drives efficiency:

- Thorough understanding of electric utility compliance requirements
- Utility relationships for effective coordination and construction

Electrify America:

As of March 2020, Black & Veatch has engineered, permitted and constructed 1,455 high-power DC Fast Charger posts for 332 Electrify America sites in eight U.S. regions.

Tesla Motors Inc.: Since 2015, Black & Veatch has designed, engineered, permitted and/or constructed 1,680 charging posts at over 600 sites in the United States and Canada.

Learn more about our innovative solutions and see project stories at bv.com.