

PROJECT PROFILE

Ford BlueOval™ Program

Star Lake Ford
Burgettstown, PA



The Ford Motor Company has introduced the BlueOval™ Charging Network, encompassing over 84,000 electric vehicle (EV) charging stations strategically positioned across Ford dealerships in North America.

This innovative program empowers EV users to effortlessly find and access charging facilities across the country. Ford's expanding network guarantees convenient, on-the-go charging access to a wide range of public EV charging stations, facilitating an efficient electric vehicle charging experience.

Project Type: Electric Vehicle Charging Infrastructure

Building Type: Auto Dealership

EV Charging Station Manufacturer: Blink

Average Rebate:

Est. \$4,000 Per Plug*

*Estimated total savings. Specific to state/region.

EV Project Savings:

Est. \$500,000*

*Estimated total savings. Specific to state/region.

Dealership Benefits:

- Opportunity for added revenue by adding EV charging infrastructure.
- EV Charging unit can display dealership's chosen branding.
- Dealership is listed on Google Maps for EV charging location.



EV Project Approach

Star Lake Ford selected Eco Engineering as the EPC partner to support a complex EV charging infrastructure installation within Ford's corporate BlueOval™ Program.

Eco Engineering, leveraging extensive project experience, proposed an innovative approach. This involved upfront material ordering and design, and deferring labor until Ford's corporate procedures unfolded. This strategy, coupled with meticulous project management, secured Star Lake Ford's trust and approval:

- **Pre-Planning for Efficiency:** Our detailed pre-planning ensures a streamlined installation process, minimizing disruptions to daily operations.
- **Optimized Product Lead Time:** Our phased approach eliminates the need for a comprehensive signing, providing a material commitment and avoiding delays.
- **Materials Management:** Upfront material ordering reduces potential delays, potentially shortening the typical 4-6 month wait and preventing start-stop interruptions.
- **Grants and Rebates Expertise:** We handled the process and communication with the EV unit manufacturer to secure the best available grants and rebates, reducing costs for Star Lake Ford.
- **Deliberate Process with Drawings:** Our standard process provides drawings early on to help Star Lake visualize a strategic roadmap before committing to the entire process, easing decision-making.
- **Utility Relationship:** Our strategic partnership with the utility company, coupled with detailed drawings and engineering focus, expedited our response times through a priority submission process.

EV Project Results

Through diligent value engineering, Eco Engineering successfully optimized the project cost and delivered a solution within Star Lake dealership's \$1.2 million budget allocated by Ford corporate. With an estimated final cost of \$700,000, Eco Engineering was able to help Star Lake save an estimated \$500,000 on this project.