

Turnkey e-Mobility Solutions & Implementation



A Selection of EVCS Partners



EV Process Map

Lightility
Efficiency Made Visible

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+ Discovery Interview

Lightility works with you to understand your goals for installing electric vehicle charging stations at your facility including the following: anticipated utilization, introducing capabilities and limitations of various charging brands, makes and models, reviewing options and preferences for billing based on charger utilization and levels of management control, evaluating options for product software and warranty packages, discussing federal, state and local rebate and grant incentives, and providing estimated timelines from project award to activation.

+ Site Assessment

Lightility conducts a physical onsite assessment of existing site conditions, pinpoints potential challenges, identifies any specific requirements, and determines optimal charger locations based on accessibility and price point. Lightility reviews onsite power locations, determines site power capacity for EVCS locations, and calculates the distance from the point of power to the EVCS locations.

+ Load Study

Lightility performs a load study, with the potential for power usage monitoring. Power monitoring will be conducted if the point of power appears to be at or approaching electrical capacity. Lightility provides a solution if enhancements to the existing panel are required. Any required upgrades will be reviewed in detail and included in the final engineer drawings required for project permitting.

+ Turn-Key Proposal

Lightility prepares an electrical infrastructure design to define the most cost-effective solution and meet National Electrical Code (NEC) requirements. Lightility specifies all product to align with client requirements and provides the best options for a successful installation. Lightility completes a utility analysis to identify cost saving opportunities through state, federal and/or local rebate/grant programs, and any tax benefits, if applicable.

+ Project Award

Lightility prepares a contract to be executed by both parties, based on a detailed system design and scope of work.

+ Verify & Permit

Lightility conducts a final site assessment to generate permit documentation based on county/city requirements. Lightility prepares engineer drawings, details the number of charging stations, onsite station locations, load verification, ADA compliancy as needed, and any other required specifications. Lightility oversees the permit application and approval process with the issuing agency. Lightility schedules the installation immediately following permit approval.

+ Install & Commission

Lightility's team of experts follow detailed SOPs ensuring the success of every project from kickoff through commissioning. Our dedicated project managers provide detailed communication and coordinate closely with the customer throughout the project installation and beyond.

+ Rebates & Grants

Lightility schedules and coordinates final inspection, closes out permits with the issuing agency and submits all required documentation for available rebates and grants on behalf of the customer at project completion.

+ Activation & Support

Lightility ensures that chargers are activated, connected to the network and functioning properly. Our Project Manager coordinates training resources to assist with the initial set-up of the new system, familiarity with features and benefits available for the new electric vehicle charging station (EVCS).

Select Clients: