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ENGINEERING AND  
DESIGN SERVICES FOR  
ELECTRIC VEHICLE  
CHARGING STATION  
PROJECTS

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**STATEMENT OF  
QUALIFICATIONS**

**SITE  
ASSESSMENT**

**DESIGN &  
ENGINEERING**

**PERMITTING &  
INTER-  
CONNECTION**

## COMPANY OVERVIEW

Flux Energy Systems was founded in 2016 to simplify the design and installation of alternative energy projects. With over 30 years of experience in solar, battery, electric vehicle, fuel cell, and smart grid technologies, Flux combines the knowledge and expertise of a large organization with the agility and customer-centric focus of a boutique services provider. We help our EVSE customers plan, design, scope, budget, engineer, and implement commercial and industrial-scale charger projects across California.

## OUR CLIENTS



**Project Developers** hire us to strengthen their proposals and win bids.



**EPC Contractors** subcontract engineering, interconnection, and permitting services to us.



**Project Owners** engage us to represent their interests through project bid, design, and construction.

# EVSE SERVICES

## DESIGN

### PRELIMINARY SITE ASSESSMENT & DESIGN

Not yet sure exactly what your EVSE project will look like? Let Flux perform an early-stage desktop analysis to review quantities of parking spots, electrical service information, utility bills, and as-built site documentation to determine project size.

### ON-SITE ASSESSMENT

Once your site is serious about installing charging stations, Flux can identify site specific risks such as easements and cost saving design specifications.

### ISSUE FOR PERMIT & CONSTRUCTION DESIGN

When your project is ready to move forward, Flux will provide full drawing packages for submittal to local agencies for permitting and interconnection applications that are compliant with California Building and Electric Codes.

### INTERCONNECTION AND SERVICE UPGRADE

For sites requiring a service upgrade, Flux offers utility coordination to keep the project moving forward and on schedule.



## PERMITTING SERVICES

Once your design is done, let Flux handle permitting submittal and obtainment with the local jurisdiction.

## PROCUREMENT SUPPORT

Flux can create specifications to assist with purchasing electrical distribution equipment, disconnects and transformers

# CASE STUDY

## QUALITY DESIGN YIELDS HIGH ROI

### PROJECT SUMMARY

- 220 EV Charging Stations
- 14 Multi-Family Buildings
- Southern California

### SCOPE OF WORK

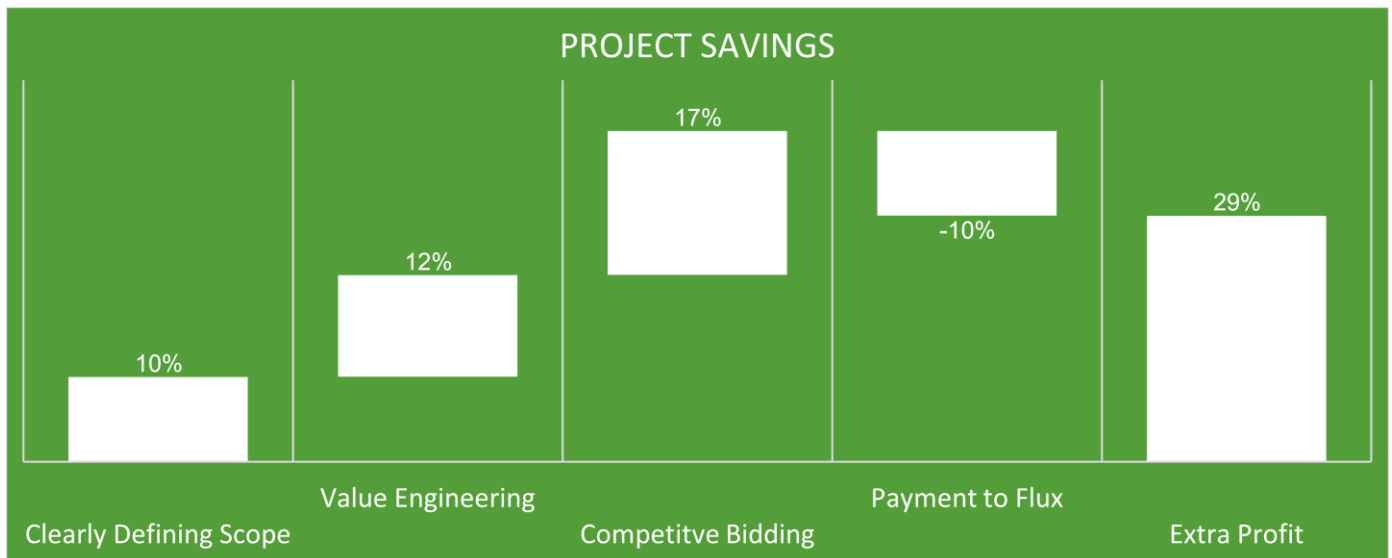
- Engineered drawings for construction
- Utility, Building and Electrical Permits
- Host and Contractor coordination




Flux was hired to design a portfolio of EV charging stations, because our client could not collect project rebate due to repeatedly failing utility and AHJ inspections.

Flux immediately evaluated project status and determined that the failed inspections were the result of undefined quality standards, so we interviewed the utility, permitting agencies, installers and property owners.


By clearly defining design & installation standards, each project met stakeholder objectives from the initial design resulting in higher quality installations and faster returns on investment.



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