



EPS GROUP
ENERGY & POWER SOLUTION

The Power
is in **your**
Hands



COMPANY OVERVIEW

Energy Power Solution USA LLC (EPS GROUP) was founded on July 15, 2013, in Houston, Texas, with a mission to provide high-quality, reliable, and innovative Skilled Engineering services in the Energy and Electric Utility sector.

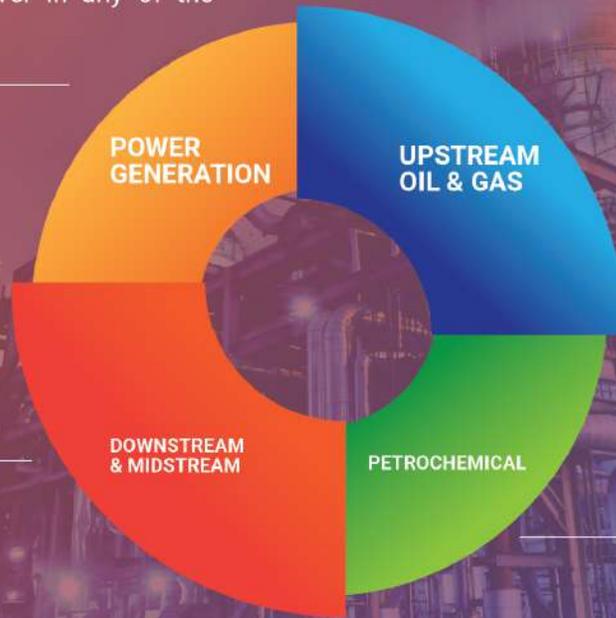
EPS Group's integrated business units and services are designed to deliver a comprehensive range of solutions, meeting the unique challenges of the industries we serve.

By combining advanced technology with unparalleled expertise, we enable our clients to thrive in an increasingly dynamic and competitive energy landscape. Specializing in **Electrical System Design, Power System Analysis, Reliability Engineering, Skid Packaging, Turbine Services and Equipment Supply**, EPS Group is dedicated to serving the diverse needs of industries that power our world. Our extensive expertise and commitment to client satisfaction have solidified **EPS Group's** reputation as a trusted leader in the energy sector.

BUSINESS MARKETS



Energy Power Solution USA LLC (EPS GROUP) provides integrated engineering solutions to a range of Client Markets globally. Whether Clients wish to invest in novel facilities, optimize existing, or refurbish aging infrastructure, EPS GROUP can deliver in any of the following sectors:



- Open & Combined Cycle
- Renewable Energy
 - Solar Photo Voltaic Systems
 - Wind Energy Systems

- Onshore Oil & Gas Production
- Offshore Oil Production

- ◆ Upstream Oil & Gas
- ◆ Petrochemical
- ◆ Downstream & Midstream
- ◆ Power Generation
- ◆ Electric Utility
- ◆ Renewable and Alternative Energy
- ◆ Manufacturing
- ◆ Healthcare
- ◆ Commercial Building

- Refining & Upgrading
- Utilities
- Offsites and Terminals

- Olefins, Methanol, Fertilizers

OUR KEY CUSTOMERS



OUR SERVICES

The team of dedicated professionals at **EPS GROUP** work with Clients to accurately develop project scopes, identify optimal resolutions, mitigate risks and successfully deliver integrated solutions; safely, cost-effectively and on-schedule. Additionally, our local engineering staff are competently trained and certified in the use of specialist simulation and design tools; and can provide Clients with the benefit of Technical Services at a fractional cost in comparison to similar service providers. Our execution capabilities include:



ENGINEERING & CONSULTING SERVICES

- ◆ Engineering Services
- ◆ Electrical Utility System Planning & Support Services
- ◆ Power System Analytical Studies
- ◆ Reliability Electrical Studies

PROCUREMENT & SUPPLY (VENDOR REPRESENTATION)

- ◆ Electrical Equipment and Materials
- ◆ Instrumentation & Control Equipment and Materials
- ◆ Piping, Fitting and Flanges
- ◆ Valves
- ◆ Gas Turbine Spare & Replacement Parts

CUSTOM FABRICATION AND SKID PACKAGING

- ◆ Nitrogen Generation
- ◆ Compression Systems
- ◆ Gas Processing Systems
- ◆ Instrumentation Packages
- ◆ Pressure Vessels
- ◆ Power Packaging

FIELD TECHNICAL SUPPORT

- ◆ Electrical Testing
- ◆ Turbines Services

THE EPS GROUP ADVANTAGE

- ◆ Name-Brand Recognition
 - ◆ Turnkey Solutions
 - ◆ Design-Built to customer specifications
 - ◆ On-Time Delivery
 - ◆ Stringent Quality Control Department
 - ◆ ISO-Equivalent Document Control Department
- Repeat Business through Outstanding customer satisfaction

ENGINEERING & CONSULTING SERVICES



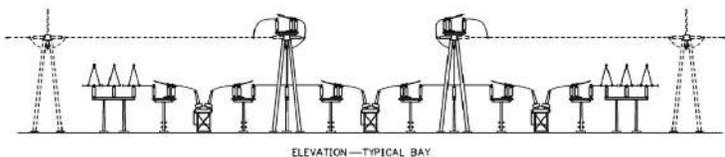
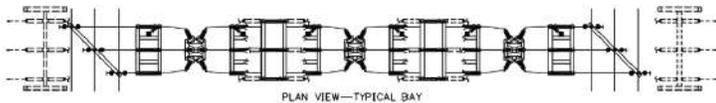
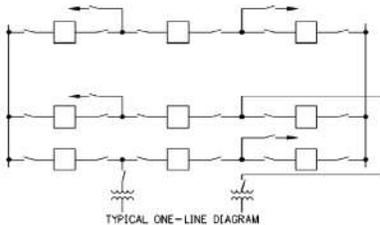
Energy Power Solution USA LLC (EPS GROUP) is a distinguished professional consulting and engineering organization established with the background of experience acquired from various industrial organizations and projects to serve the various clients in the power and desalination plant, refinery and petrochemical process industry and various industrial facilities.

We are experts in providing consulting and engineering services across various project phases including:



ENGINEERING SERVICES

- ◆ Conceptual Design
- ◆ Feasibility Study
- ◆ Front-End Engineering Design (FEED)
- ◆ Detail Engineering & Execution Planning
- ◆ Procurement Service and Technical Evaluation
- ◆ As-Built and Close Out



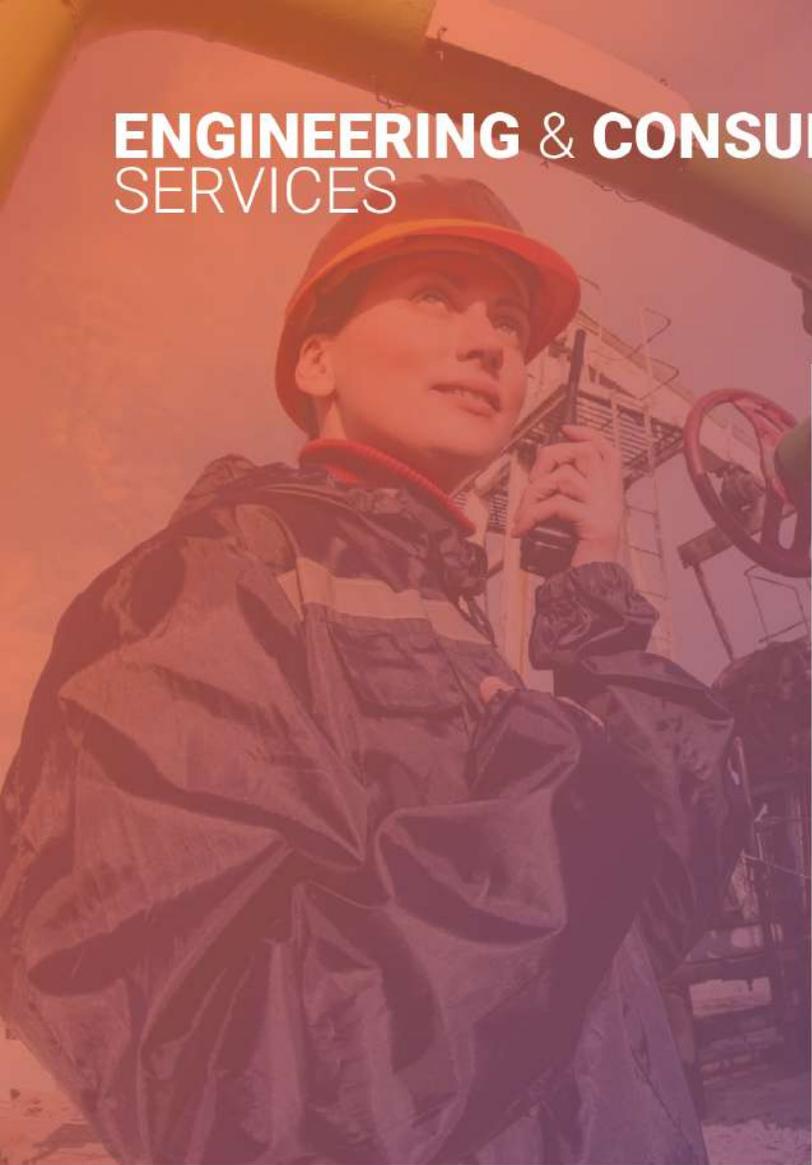
ELECTRIC UTILITY SYSTEM PLANNING & SUPPORT SERVICES

Energy Power Solution USA LLC (EPS GROUP) is your trusted partner in delivering innovative engineering solutions for small and medium-sized electric grids. Our expertise encompasses comprehensive electric utility system planning, powered by our proprietary generation expansion planning software.

We excel in transmission and sub-transmission planning, leveraging CYME power engineering software (Eaton) for power flow and grid short circuit assessments. Additionally, we support developing grids by accurately modeling transmission lines (up to 80 km in length) using our proprietary transmission line parameter calculator, based on the short transmission line model.

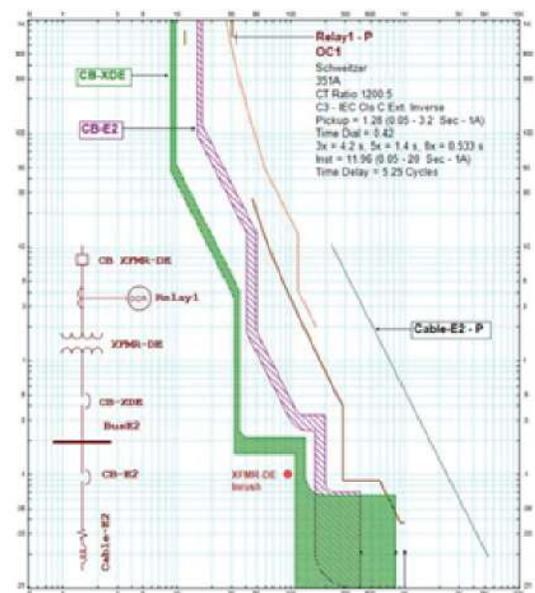
- ◆ Generation Expansion Planning
- ◆ Transmission and Sub transmission Design
- ◆ Grid Short Circuit Assessments
- ◆ Transmission Line Parameter Calculations

With hands-on experience working on the largest electric grid in the Caribbean, we bring unparalleled expertise to every project. Our services also include operational simulations to evaluate grid performance during planned equipment outages for maintenance activities. At **EPS GROUP**, we combine cutting-edge technology with practical insights to ensure your grid operates reliably, efficiently, and safely—today and in the future.



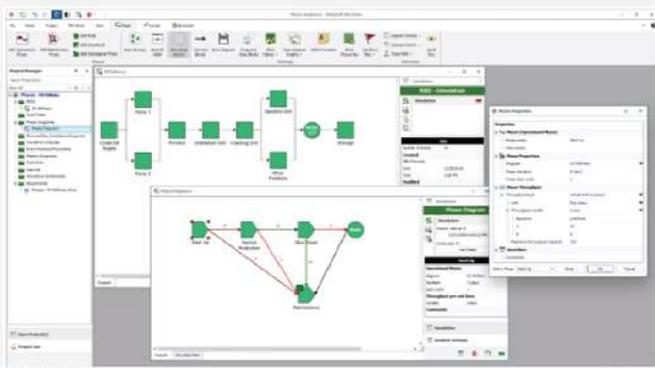
ANALYTICAL STUDIES

Through our leadership and expertise in all aspects of power delivery, **EPS GROUP's** professionals have become some of the industry's leading experts in the analysis of complex power systems. Our unparalleled design and testing skills have helped customers around the world plan and implement their power systems.



RELIABILITY STUDIES

- ◆ Maintenance Strategy development
- ◆ Failure Analysis and Mitigation
- ◆ RAM Studies
- ◆ Asset Integrity & Optimization



POWER SYSTEM ANALYSIS

- ◆ System Modelling
- ◆ Load-Flow Study
- ◆ Short Circuit Analysis
- ◆ Motor acceleration Studies
- ◆ Protection and Coordination Studies
- ◆ Arc Flash Study
- ◆ Harmonic Analysis and Filter Design
- ◆ Transient & Dynamic Stability

PROCUREMENT & SUPPLY



Energy Power Solution USA LLC (EPS GROUP)

is strategically located in Houston, the center of the Oil & Gas business for Americas. We have direct access to a wide range of US and International Oil and Gas equipment manufacturers and materials Suppliers, and we are close to the Port of Houston, one of the busiest US sea ports.

To date, our partnerships have developed and successfully distributed cutting edge technology and equipment to our customers. Our proven experience allows us to work closely with our customers, ensuring equipment are adequately sized and specified to meet functional and performance requirements.

- ◆ Electrical Equipment & Materials
- ◆ Instrumentation & Control Equipment & Materials
- ◆ Piping, Fittings and Flanges
- ◆ Valves



CUSTOM FABRICATION AND SKID PACKAGING

EPS GROUP provides custom, modular skids and process systems to service the oil & gas, refining, chemical, and power industries world-wide. We review the Clients' process conditions and specifications, and further engineer, design & fabricate custom solution to meet their specific requirements.

We use the latest process simulation software, as well as the latest 3D CAD design software to optimize each system for efficiency, layout, and operability, as well as to minimize the total installed cost to the end-user. Modular designs and packaging reduce shipping and installation costs, and reduce typical field problems of assembly and additional labor associated with stick-built facilities.

Your turnkey solution for skid packing. Once our teams have completed all individual component manufacturing, we work to complete assembly of a fully operational package; complete with Piping, Instrumentation & Electrical infrastructure.

- ◆ Nitrogen Generation
- ◆ Compression System
- ◆ Gas Processing Systems
- ◆ Instrumentation Packages
- ◆ Pressure Vessels
- ◆ Power Packaging



COMPRESSION SYSTEMS



GAS PROCESS SYSTEMS



INSTRUMENT PACKAGE



GAS TURBINES

OFFICE LOCATIONS & CONTACTS

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Providing professional services under
international safety and environmental
standards we are proud members of:

