



Harnessing Energy for Life

COMPANY OVERVIEW

Est. 2002

HARNESSING ENERGY FOR LIFE

Now more than ever, the planet is crying out for significant and sustainable cost improvements. USP&E is on the vanguard of merging together a new generation of Hybrid technologies to deliver more efficient solutions.

With a better way to improve our clients' project economics, we are bringing transformation everyday.



www.uspeglobal.com

Client Business Presentation | 2

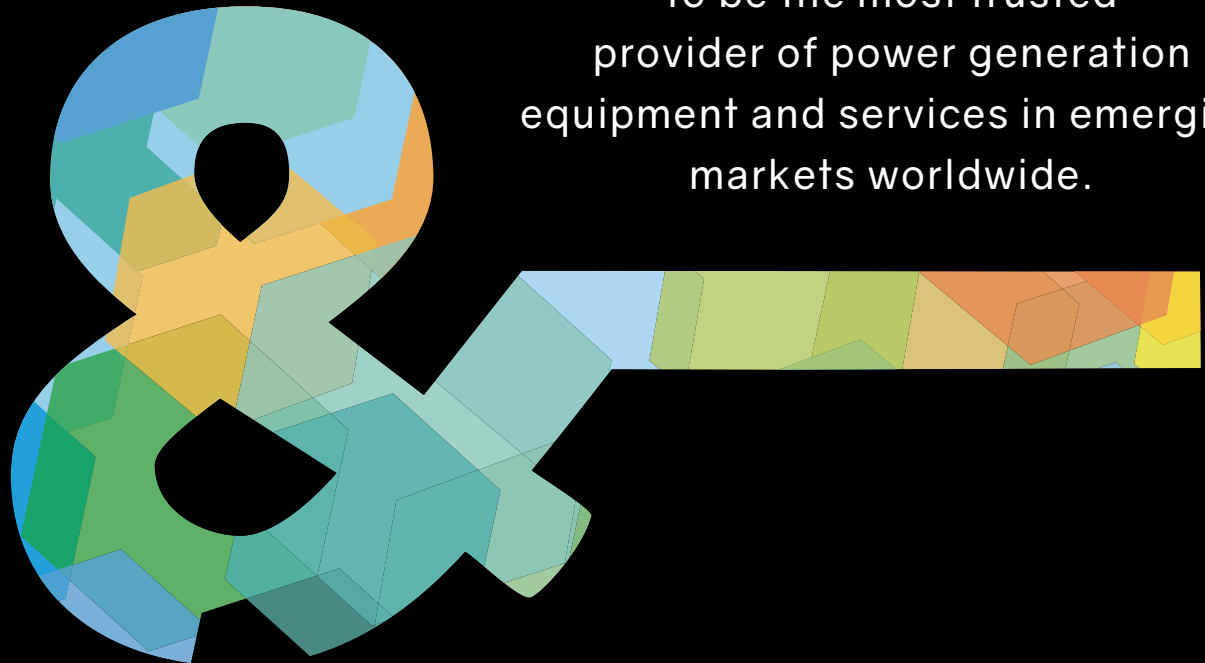
OUR COMMITMENTS

MISSION

to deliver the most cost-effective and efficient power station engineering, procurement, construction, and O&M solutions worldwide.

VISION

to be the most trusted provider of power generation equipment and services in emerging markets worldwide.



USP&E HOLDINGS PTY LTD

SNAPSHOT

2002

Established

60+

Countries where we have provided
energy services

12

Privately held companies

\$100M

Average sales per year

100–
200

Average number of employees subject
to project dynamics

\$50M

Saved in fuel consumption

FULL DESIGN & ENGINEERING CENTERS WORLDWIDE

Innovation as a mindset. Selfless collaboration.
Lateral Thinking. Highest efficiencies in the world.

Project scope ranging from development and
feasibility studies to EPC execution and O&M.

Project size ranging from 500 to 100,000 man hours.

+100 head count.

WORLDWIDE PRESENCE



 Head Offices  Head Offices & Manufacturing Plants  # 60 Successfully Completed Projects  Manufacturing Plants

PROJECT BREAKDOWN



Knoxville | Design, engineering, construction, operational readiness, O&M.



Ontario | Concept and detailed design management.



California | Full renewable power station with auxiliaries and electrical, mechanical and petrochemical scope of supply.



Alabama | Full renewable power station with auxiliaries and electrical, mechanical and petrochemical scope of supply.



Guatemala | Full renewable power station with auxiliaries and electrical, mechanical and petrochemical scope of supply.



Sierra Leone | Full renewable power station with auxiliaries and electrical, mechanical and petrochemical scope of supply.



Mali | Design, construction, commissioning, handover.



South Africa | Verification of design, construction, FAT, SAT, Pre sign off.



Tanzania | Full renewable power station with auxiliaries and electrical, mechanical and petrochemical scope of supply.



Turkey | Full renewable power station with auxiliaries and electrical, mechanical and petrochemical scope of supply.

ONSHORE BUSINESS UNIT ACTIVITIES

FULL CAPABILITIES

ENGINEERING

Thermal & Hybrid
Cleaning Fuels
Heavy Oil + Gas + Diesel + Biofuels
Hydrogen
Feasibility Studies

PROCUREMENT

Digitized & Online Procurement Team
PV, Wind, Energy
New & Used Diesel
Gas Business
HFO Solutions

CONSTRUCTION

Building, Utility Scale
Renewable & Thermal Energy Projects
Commitment to Safety
Immediate Bridge Power Options

O&M

Thermal
Waste to Energy
Renewables
Biomass
Mining & Metals



Engineering, procurement,
construction, project
management.



Large stock of new and surplus
power stations.



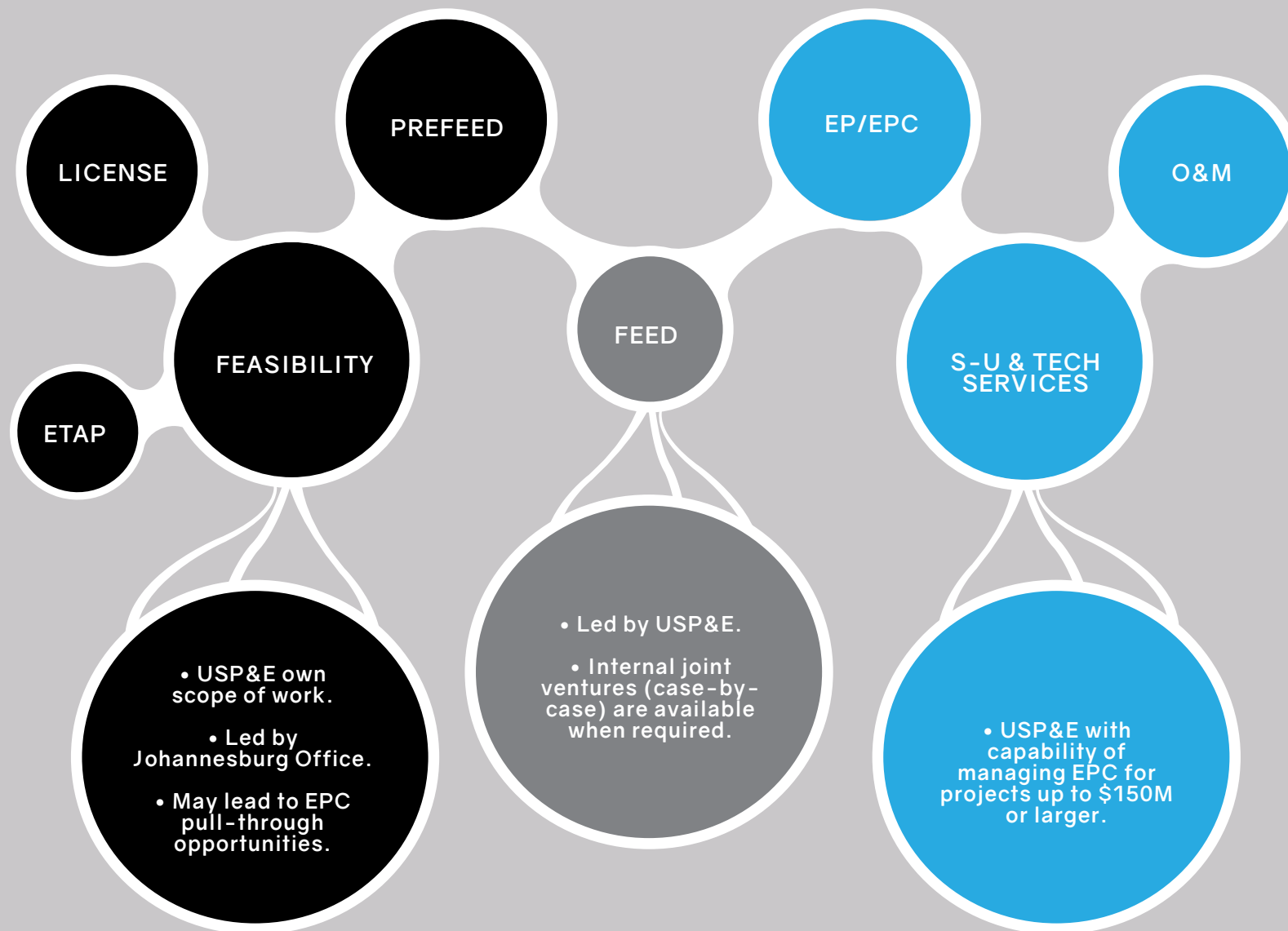
Industry trailblazing and
accumulated experience.



Guaranteed availability +
reliability.

USP&E GROUP CAPABILITIES

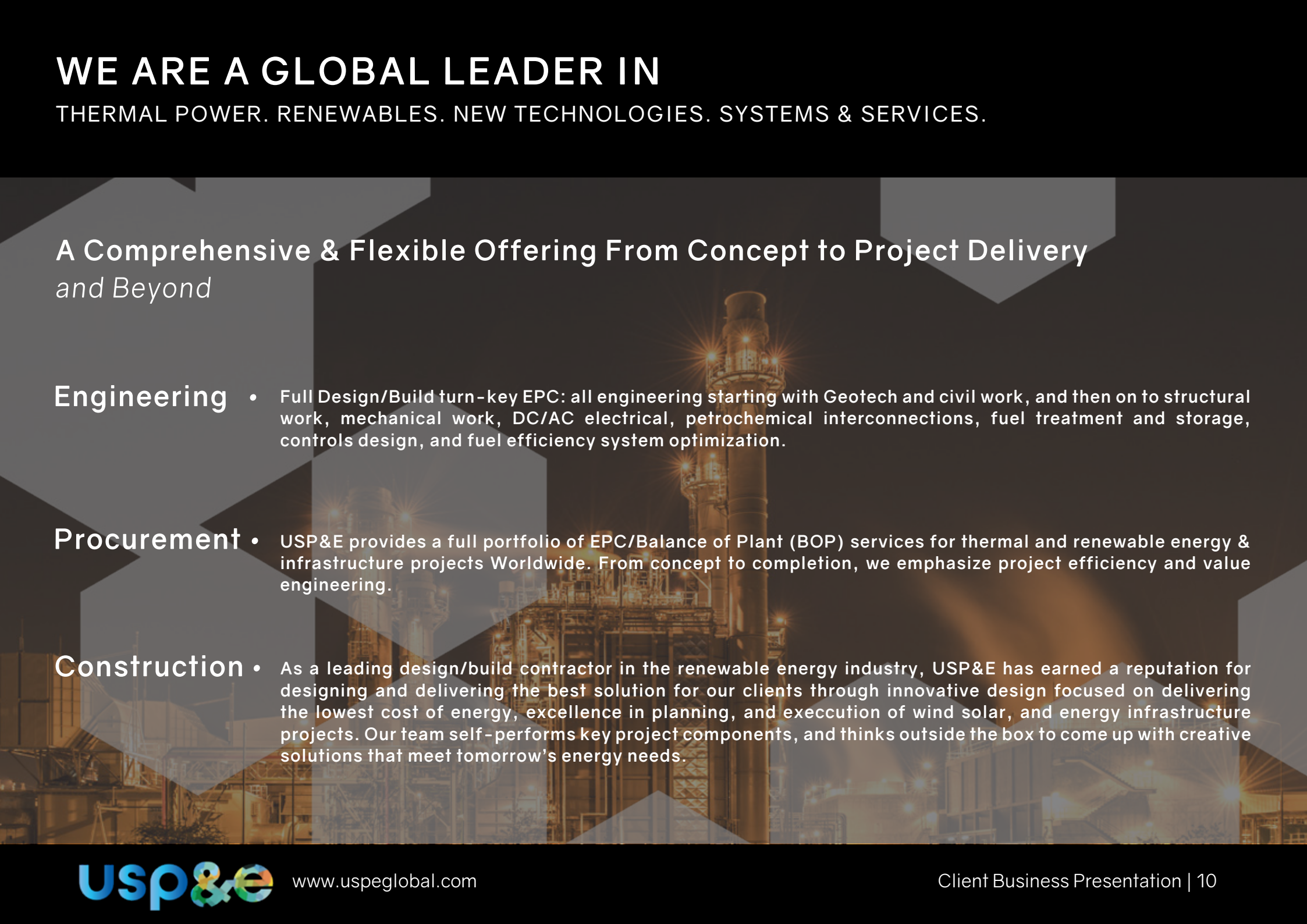
FROM FEASIBILITY TO EPC TO O&M



WE ARE A GLOBAL LEADER IN

THERMAL POWER. RENEWABLES. NEW TECHNOLOGIES. SYSTEMS & SERVICES.

A Comprehensive & Flexible Offering From Concept to Project Delivery and Beyond

- 
- Engineering** • Full Design/Build turn-key EPC: all engineering starting with Geotech and civil work, and then on to structural work, mechanical work, DC/AC electrical, petrochemical interconnections, fuel treatment and storage, controls design, and fuel efficiency system optimization.
 - Procurement** • USP&E provides a full portfolio of EPC/Balance of Plant (BOP) services for thermal and renewable energy & infrastructure projects Worldwide. From concept to completion, we emphasize project efficiency and value engineering.
 - Construction** • As a leading design/build contractor in the renewable energy industry, USP&E has earned a reputation for designing and delivering the best solution for our clients through innovative design focused on delivering the lowest cost of energy, excellence in planning, and execution of wind solar, and energy infrastructure projects. Our team self-performs key project components, and thinks outside the box to come up with creative solutions that meet tomorrow's energy needs.

O&M SERVICES

As a recognized and award-winning O&M power station contractor with references from some of the largest companies in the world, USP&E is well positioned to care for your power station. And this is critical as your O&M contractor provides a 'safety net' for the plant owner ensuring that the plant will be operated and maintained to guarantee reliability, availability, and output in the most efficient manner possible.

USP&E's online performance and condition monitoring software, "SMARTpower" allows us to manage and review plant performance in real time, and allows all stake holders to do the same. Collecting operating data continuously throughout each operational month provides all shareholders the opportunity to analyze and make decisions on the performance and lifetime of the entire plant, from a holistic perspective.



Acting as both the Commissioning Agent and the O&M Service Provider, USP&E will guarantee the electricity output at a fixed price. Whereas many firms in the USA and Europe will have difficulties calculating their risks for such an undertaking, USP&E is an African firm that addresses risk head-on and through the experience of over 10 years doing business operating and maintaining power stations across the Continent.

This platform of continuous improvement is the backbone of what the *USP&E DIFFERENCE* is all about

O&M STRENGTHS

Operations & Maintenance Services

Designed for Rural Africa

Complete outsourcing of operations and maintenance services with onsite local national technical and safety training programs.

On-Site Technical Support Services

Specialized support services to improve overall plant performance, including Six Sigma cost reduction strategies, feedstock fuel efficiency optimization programs, and E-Tap electrical load optimization and analysis tools.

Biomass and Conventional Fuel

Management Services

The supply chain management in any biomass or conventional project is of critical importance. A wide range of experience and expertise to ensure that a plant's performance and reliability are maximized when using organic feedstock to create energy through steam turbines.

Online Management Reporting

Real time remote annunciation of all critical systems and inventory management for maximum transparency and ease of access to O&M management reporting for all stakeholders.

Environmental Health & Safety Programs

Extensive health, safety, and environmental management systems and programs that meet or exceed our client's own EH&S program requirements.

Project Experience

With a heritage in design, procurement, construction, and installation of biomass, HFO, and natural gas power station projects throughout the world, we have earned a reputation for excellence by combining technical know-how with practical experience.

SAFETY, HEALTH, ENVIRONMENT & QUALITY (SHEQ)

As USP&E and our affiliates operate in countries with differing governance standards, regulatory requirements, and cultural expectations, USP&E has developed a robust ZERO HARM safety, health, Environment and Quality (SHEQ) framework which provides guidance to our operations on delivering our health and safety commitment on each new and existing project. The USP&E “Life for Safety” programme continues to drive the desired behaviour towards personal and team safety. Our well documented management system outlines how to manage these risks effectively within the stages of the project management lifecycle thereby reducing risk as far as reasonably practical. Emphasising and facilitating constant communication and ongoing professional training regarding our internal safety practices remains of critical importance for achieving and maintaining “ZERO HARM”.



Harnessing Energy to Create Value