



Harnessing Energy for Life

COMPANY OVERVIEW



bop&e sap&e wap&e dup&e smartpower smartcrypto smartjet

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.

COMPANY OVERVIEW

WHO ARE WE?



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.

PROMISES

1. Speed with excellence.
2. Extreme ownership.

PURPOSE

To harness energy for life.



USP&E HOLDINGS PTY LTD - SNAPSHOT

2002

Established

12

Business units /
Offices / Operations

\$250M
+

Saved in fuel
consumption

65
+

Countries where we have
provided energy services

200
TO
300

Average number of employees.
(Subject to project dynamics)



COMPANY OVERVIEW

FULL DESIGN, ENGINEERING, & REFURBISHMENT CENTERS

usp&e

dupes

PROJECT SCOPE

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

INNOVATION

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

PROJECT SIZE

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

+200 HEAD COUNT



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COMPANY OVERVIEW

WHERE ARE WE?



 Head Offices

 Head Offices & Manufacturing Plants

 Numerous successfully Completed Projects

 Manufacturing Plants



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PROJECT BREAKDOWN

-  **Knoxville** | Design, engineering, construction, operational readiness, O&M.
-  **Canada** | Concept and detailed design management, owners engineering.
-  **California** | Full renewable power station 40 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, O&M.
-  **Guatemala** | Full renewable power station with auxiliaries and electrical, mechanical and petrochemical scope of supply.
-  **Sierra Leone** | Full EPC and O&M power station with auxiliaries and electrical, mechanical and petrochemical scope of supply.
-  **Mali** | Design, construction, commissioning, refurbishment, training, rebuilding, spare parts.
-  **Johannesburg + Cape Town** | Global HQ delivering design, engineering, EPC, O&M, software development, FAT, SAT, PR 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.

COMPANY OVERVIEW

ONSHORE BUSINESS UNIT ACTIVITIES: FULL CAPABILITIES



ENGINEERING

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

PROCUREMENT

Civil works, landing equipment,
electrical + mech,
Energy systems

CONSTRUCTION

Packing, logistics, shipping,
loading / unloading

O&M

Site test, SCADA programming,
performance testing, hire and
training local staff

Engineering, procurement,
construction, and
project management

Large stock of new and
surplus power stations

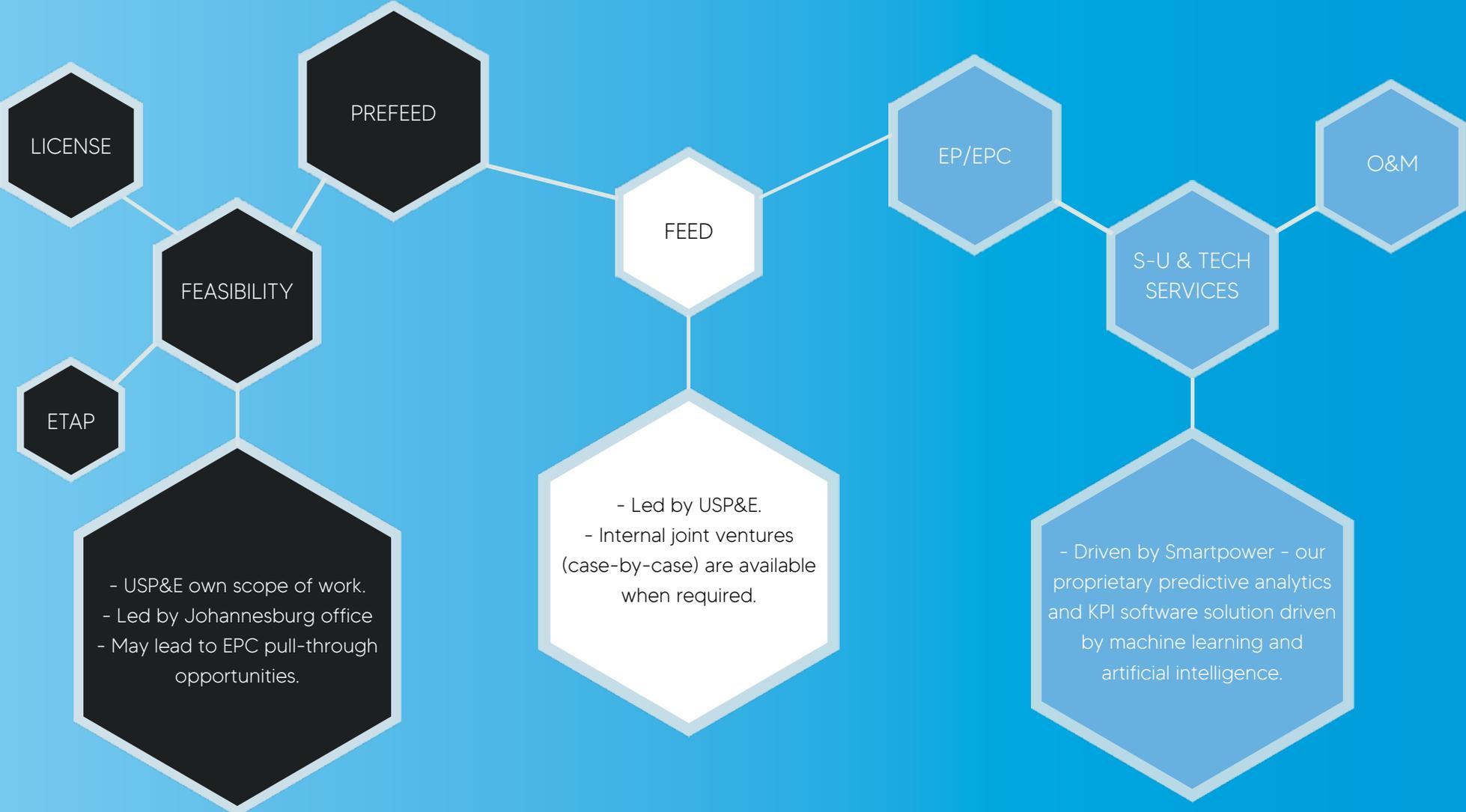
Industry trailblazing and
accumulated experience

Guaranteed availability
and 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 and mechanical work, DC/AC LV/HV electrical, petrochemical interconnections, fuel treatment and storage, Balance of Plant, 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 - with performance guarantees and 20 years of successful project completions.

CONSTRUCTION

As a leading design/build contractor in the renewable energy industry, USP&E has earned a reputation for designing and delivering innovative designs with the lowest cost of energy possible. USP&E specializes in thermal power station EPC and O&M with hybrid solar, wind, energy storage and Biomass. Our team performs large turnkey projects in emerging markets worldwide. USP&E offers performance guarantees and risk wraps that unlock project value.



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

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. 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, additionally allows all stake holders to do the same. Collecting operating data continuously throughout each operational month provides all shareholders the opportunity to analyse 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 have difficulties calculating their risks for such an undertaking, USP&E is a Global firm that addresses risk head-on and through the experience of over 20 years doing business operating and maintaining power stations across the Continent.

OPERATIONS AND MAINTENANCE SERVICES

Designed for the most remote locations possible
Complete operations and maintenance services with onsite local
national technical and safety training
with physical workshops and spares warehousing.

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.

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.

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.

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
while efficiencies are optimized.

PROJECT EXPERIENCE

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.

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”.



COMPANY OVERVIEW

WHO ARE WE?

usp&e

Our vision is to be the most trusted supplier of energy services in global and emerging markets for major projects in mining, oil/gas, hospitality, manufacturing, telecommunications, and others.

Since 2002 USP&E has assisted clients with over 150 feasibility studies, supplied over 1200 generators, designed, built, installed, and commissioned over 30 major power stations, supplied over 1.8 million spare parts to clients, and consulted on over 40 GW of client energy projects.

Get in touch

Email our CEO, Will Gruver, at will@uspeglobal.com to arrange a time to discuss your upcoming project and how USP&E can help you.



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