



TYPE:	Operations & Maintenance
LOCATION:	Tennessee, USA
CLIENT:	Global Energy / American Green Fuels
SCOPE:	Operational readiness consultancy, long-term O&M

USA | ROCKWOOD RENEWABLE ENERGY FACILITY

Long-Term O&M Support for Renewable Power Assets

THE CHALLENGE

The Rockwood facility is a biomass energy conversion facility designed originally by Proton Power but more recently developed and controlled by American Green Fuels. With a design capacity of over 230 million litres per year of renewable diesel, the plant converts wood chips to ASTM D975 liquid diesel fuel. Global Energy hired USP&E as an operational readiness consultant. The client's engineers were struggling with reliability due to excessive tarring.

THE SOLUTION

The engagement began as an operational readiness consultancy, which then led to a long-term Operations and Maintenance contract. USP&E mobilised a team of experts from around the world to address reliability and optimise the power station. Our personnel worked 24/7 for over a year to troubleshoot, assist with redesigns, commission the SCADA systems, and ensure optimal performance.

THE OUTCOME

The facility achieved reliable power generation with reduced operational risk. USP&E's O&M delivery supported long-term asset performance and enhanced energy output.

CLIENT REFERENCE

"USP&E was a terrific resource to GE and an invaluable partner." - Client, Global Energy

BUILT FOR THE FRONTIER

This project demonstrates Grit and Together in action: USP&E committed a global team for over a year to transform a struggling renewable facility into a reliable operation. Entrepreneurial speed. Engineering credibility. That is what Powering Possibility means.