

CASE STUDY

Psaltry International

Leading the Energy Shift in the Agro Processing Sector

In Nigeria's dynamic and occasionally demanding industrial landscape, reliable energy is truly vital for progress. Many agro-allied businesses face challenges due to inconsistent grid power, soaring diesel costs, and the impacts of high inflation, rising interest rates, and fluctuating exchange rates

Psaltry International understands that seamless operations are key to success. In a country where dependable energy is crucial for agricultural processing, adding value, and enhancing food security and export potential, securing a steady energy source is essential not only for operational efficiency but also for advancing national interests and boosting global competitiveness.



The Key Stats

	Solution Delivered	Power-as-a-Service (PaaS)
	Energy Generation Type	Solar Power & Battery
	Project Tenor	20 years
	Sector	Agro-processing
	Location	Iseyin, Oyo State, Nigeria
	Completion Date	March 2025
	Installed Capacity	1.16MWp_1.6MWh
	Annual Savings	₦1.15Bn
	CO₂ Offset (kg)	14,795,556

About Psaltry International

In 2005, a business emerged in the heart of Africa's agricultural landscape: Psaltry International Company Limited. Recognised as the foremost agro-allied cassava processing company on the continent, it set out on a mission to transform the cassava value chain.

Psaltry International distinguished itself as the pioneer in Africa for producing cassava-based sorbitol, claiming the title of the second company in the world to achieve this remarkable feat. Through innovative approaches to cassava processing, the company established itself as a reliable source for high-quality industrial cassava derivatives.

Over the years, Psaltry International has become renowned for its exceptional products, which include high-quality cassava flour (HCCF), food-grade cassava starch, and sorbitol. These offerings cater to various industries, notably the pharmaceutical, personal care, food and beverage sectors, ensuring a consistent supply of superior materials that have reshaped the landscape of cassava processing in Africa and beyond.

The Problem

Psaltry International faced the challenge of creating a sustainable and future-focused business while adhering to international sustainability standards. At the same time, they needed to effectively reduce their reliance on diesel generators, which was not only essential for meeting their sustainability goals but also cost them significantly in operational expenses.

A Blueprint For Industrial Resilience

We understood their need for unwavering power and predictable costs, especially given the current economic climate. Our Power-as-a-Service (PaaS) model enables Psaltry International to acquire a world-class system with zero upfront capital cost, thereby freeing up their capital to invest directly into their core business growth.

The use of Tier 1 technology ensures that our equipment is of the highest quality, guaranteeing maximum efficiency, durability, and a longer operational life, providing unparalleled reliability for their critical operations.

The Results & Impact

100%

Power availability for its entire manufacturing operations, 24/7, with no interruptions



Reduced carbon emissions and reduced noise pollution around their factory.



Enhanced value proposition as an environmentally conscious organisation.

80-90%

Saved 80-90% on operational costs monthly diesel costs



Power-as-a-Service (PaaS) model allows for effective energy cost management



TAKE THE LEAP

It's time to rethink your energy strategies and consider the benefits of alternative, reliable energy sources. Join the movement toward sustainability and operational efficiency!

Explore how transitioning to solar power and battery systems can not only reduce your energy costs but also enhance your commitment to environmental stewardship.

Generating clean energy for Africa's future
info@starsightenergy.com | www.starsightenergy.com



Client Testimonial

The consistency of our operations is paramount. In a market where energy costs can fluctuate wildly and reliability is a constant battle, having a partner like Starsight Energy allows us to keep the lights on and our machines running around the clock. It means we can focus on what we do best: innovating in cassava processing, serving our clients, and expanding our reach, without ever worrying about power."

Oluyemisi Iranloye, MD/CEO of Psaltry International Company Limited

A Framework for Nigeria's Industrial Growth

Psaltry International's innovative approach to energy generation through the implementation of Solar Power and Battery systems not only addresses the pressing energy needs of the agro-processing sector but also aligns seamlessly with sustainability goals at both national and global levels. By effectively reducing the reliance on diesel generators, the company has taken a significant step towards lowering carbon emissions, demonstrating a commitment to environmental stewardship. This initiative serves as an industry first in Nigeria, setting a benchmark for others to follow while showcasing the potential for replicability and scalability across various sectors.

The substantial savings in operational costs, coupled with enhanced energy reliability, create a robust model for sustainable business practices that can inspire other enterprises within the agro-allied industry and beyond. Furthermore, as Nigeria strives to meet its national sustainability targets, initiatives like this not only contribute to economic growth but also enhance the country's global competitiveness.

By championing such groundbreaking energy solutions, Psaltry International is leading the way towards a more sustainable future, highlighting the critical intersection between industrial innovation, energy security, and environmental responsibility.

About Starsight Energy

The Starsight Energy Africa Group is an Africa-focused pure-play commercial and industrial ("C&I") renewable energy service provider covering the full scope of C&I projects, from rooftop projects to large-scale corporate Power Purchase Agreement ("PPA") backed projects, including power-as-a-service and cooling-as-a-service.

We provide carbon reduction, power security and cost savings to blue-chip clients in several key economic sectors, including agro-processing, education, financial services, data storage, healthcare, and manufacturing.

Our presence spans three key geographical hubs (Southern, Western and Eastern Africa) with operations in Nigeria, Ghana, Kenya, Namibia, South Africa, Tanzania and Uganda.

Our primary objective is to offer complete solar solutions at no upfront cost, enabling our clients to reduce their energy expenses, enhance energy efficiency, and reduce their carbon footprint.

For any enquiries, visit

info@starsightenergy.com
www.starsightenergy.com