# SOLAR PRO

# Ceres power Kyrgyzstan

#### Who is Ceres Power?

Ceres Power Holdings plc is a UK developer of solid oxide electrolyzer cell and solid oxide fuel cell technology for use in distributed power systems aimed at decarbonising cities, factories, data centres and electric vehicle charging. Founded in 2001, it is headquartered at Horsham in the UK.

### What makes Ceres a great company?

A world leader in metal-supported solid oxide fuel cell technology, Ceres' people thrive on challenge, are excited by innovation and are at their best when not bound by the rules of conventional thinking. A leading developer of clean energy technology; electrolysis for the creation of green hydrogen and fuel cells for power generation.

## What is Ceres' solid oxide platform technology?

Ceres' solid oxide platform technology supports greater electrification of our energy systems and produces green hydrogen at high-efficiencies as a route to decarbonise emissions-intensive industries. Copyright © 2024 Ceres. All Rights Reserved.

## Why should you choose Ceres?

Ceres' systems produce electrical power at very high efficiency and have the added advantage of being able to be integrated with heat recovery systems to provide heat to vessels. The technology is robust, durable and handles vibration well, with straightforward integration and in-life servicing making them well suited to marine environments.

#### Why is Ceres technology a future-proof solution?

Ceres' technology is fuel flexible, so as the industry transitions to new fuels, the Ceres technology can flex, to adapt to different end market requirements offering a future-proof solution for industry.

## What is Ceres SOFC technology?

Ceres' SOFC technology has been designed to be the best in class, providing a sustainable, reliable, robust decentralised energy supplywith combined efficiencies of 85%.

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Ceres is a world-leading developer of power generation and hydrogen technologies. Tackling climate change is what drives us, both as a business, and for employees across our business - we are committed to enabling

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clean energy for a net-zero world.

West Sussex-based Ceres Power and Denso Corporation have expanded on their recently signed partnership agreement. The long-term licence agreement for the manufacture of Ceres" proprietary solid oxide electrolyser cells for hydrogen applications was signed by the two firms in July.

OverviewHistoryTechnologyBusiness ModelAwardsExternal linksCeres Power Holdings plc is a UK developer of solid oxide electrolyzer cell and solid oxide fuel cell technology for use in distributed power systems aimed at decarbonising cities, factories, data centres and electric vehicle charging. Founded in 2001, it is headquartered at Horsham in the UK. It is listed on the London Stock Exchange and is a constituent of the FTSE 250 Index. It is also ...

Ceres Power. The company started cooperating with Weichai in 2018, and is a supplier of solid oxide fuel cells (SOFC). Website: https:// Company Profile Member of Weichai Group Corporate Culture Sustainable Development Compliance and Integrity Contact Weichai Business School Products Engine Gearbox

Ceres Power (CWR) remains in the development stage of its business. Management says its agreements with major industrial partners such as Bosch and Linde (US:LIN) are progressing well, however, and sales are set to double in 2024. The fuel cell and hydrogen electrolyser company reported revenue of just £22mn in 2023, while higher spending ...

The company's technology includes Ceres Power, a solid oxide fuel cell technology used for distributed power generation, commercial power, and marine and motive power sectors; and Ceres Hydrogen, a solid oxide electrolyser cell SOEC technology to produce green hydrogen.

Ceres is currently developing a modular-based system for a range of marine applications including coastal, portside and offshore. Ceres" systems produce electrical power at very high efficiency and have the added advantage of being able to be integrated with heat recovery systems to provide heat to vessels.

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