



MODEC Announces Statement of Strategic Intent with Eld Energy and Delta to Develop Marine SOFC System for Power Generation

Tokyo, January 30 2026 – MODEC, Inc. ("MODEC") has signed a Statement of Strategic Intent with Eld Energy AS ("Eld Energy") and Delta Electronics, Inc. ("Delta") on January 29, 2026, toward collaboration in the development of solid oxide fuel cell ("SOFC") power generation system, aiming to establish a new global standard for high efficiency power solutions in offshore and maritime applications, including FPSOs (Floating Production, Storage and Offloading systems).

The collaboration commences with an initial purchase order for Delta's SOFC stacks marking the first milestone. Delta's SOFC stack, based on a steel supported design, offers excellent mechanical durability and is highly reliable for offshore deployment. This purchased order advances the development of [a 120 kW SOFC Module Prototype](#) for application on an FPSO. Onshore testing of the prototype module, including the integrated power electric system is scheduled for 2027.



The signing ceremony at Delta's Tainan Plant 2
(Left to Right)
Hans Fredrik Lindøen-Kjellnes, CEO, Eld Energy
Koichi Matsumiya, Chief Technical/Technology Officer, MODEC Group
Charles Tsai, General Manager, Delta's Hydrogen Energy Business Division

At the signing ceremony, representatives from each company shared their remarks underscoring the significance of the collaboration and its future direction.

Koichi Matsumiya, Chief Technical/Technology Officer (CTO) of MODEC Group, commented, "By advancing an innovative SOFC solution with Delta and Eld, we see a credible pathway to minimize GHG emissions and achieve two goals that often appear at odds: ensuring a stable supply of oil and gas indispensable to humanity while reducing environmental impact and contributing to planetary sustainability. This collaboration could be a true game changer, and I place great hope in it."



Dr. Charles Tsai, General Manager of Delta's Hydrogen Energy Business Division, stated, "Delta is dedicated to providing innovative, energy-efficient solutions. In recent years, we have actively invested in hydrogen energy development to empower industries in their transition toward a low-carbon future. This tripartite collaboration introduces a comprehensive hydrogen solution—from stacks and fuel cells to power management systems—onto FPSOs. By replacing conventional equipment with low-carbon alternatives, this project extends Delta's hydrogen blueprint into offshore and maritime applications."

Hans Fredrik Lindøen-Kjellnes, CEO of Eld Energy, stated, "Eld Energy specializes in offshore and maritime energy solutions. This collaboration integrates Delta's Solid Oxide Stacks into our SOFC systems, offering superior efficiency and stability. This project validates SOFC mass production and feasibility, accelerating offshore and maritime decarbonization."

Going forward, MODEC will continue to contribute to the society by supporting a stable energy supply and reducing CO₂ emissions on FPSOs, in response to growing energy demand and the imperative of a sustainable future.

About Delta

Delta, founded in 1971 and listed on the Taiwan Stock Exchange, is a global leader in power and thermal management with a thriving portfolio of IoT-based smart energy-saving solutions in the fields of data center infrastructure, microgrids, smart manufacturing, intelligent buildings, and E-mobility to nurture mankind's sustainable development. As a world-class corporate citizen guided by its corporate mission, "To provide innovative, clean and energy-efficient solutions for a better tomorrow," Delta leverages its core competence in high-efficiency power electronics and its ESG-embedded business model to address key environmental issues related to climate change. Delta serves customers through its sales offices, R&D centers and manufacturing facilities spread over close to 200 locations across 5 continents.

For further information: <https://www.deltaww.com>

About Eld Energy

Eld Energy is a Norwegian firm that specializes in design and delivery of fuel cell systems for offshore applications. The company has assembled a team of Europe's foremost experts in the design and industrialization of maritime fuel cells with the aim to decarbonize offshore installations and deep-sea shipping.

For further information: <https://www.eldenergy.com>

About MODEC

MODEC is a leading provider of floating production solutions such as Floating Production Storage and Offloading (FPSO) vessels to the offshore oil & gas industry. MODEC performs Engineering, Procurement, Construction and Installation (EPCI) activities for FPSOs, and further by owning and operating its own FPSOs, it provides oil companies around the world with comprehensive and competitive solutions for oil & gas production services.

For further information: <https://www.modec.com>

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