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K4K SUPPORTS PACIFICLIGHT POWER IN SECURING HYDROGEN-READY CCGT PROJECT IN SINGAPORE

Madrid, Spain – 8 January 2025 – K4K Training & Advisory S.L. ("K4K") is pleased to announce its role in supporting **PacificLight Power Pte. Ltd. ("PLP")**, a leading power generator in Singapore, in securing the right to build, own and operate for a **hydrogen-ready Combined Cycle Gas Turbine ("CCGT")** project due online in **January 2029**. The award was granted by the **Energy Market Authority ("EMA") of Singapore** on **3 January 2025**.

The project, with a capacity of at least **600MW**, will be able to initially operate on **30% hydrogen** when it comes online in **January 2029**, with the capability to transition to **100% hydrogen** in the future. As part of this initiative, PLP will integrate a **large-scale Battery Energy Storage System ("BESS")** to enhance system flexibility and grid stability.

K4K provided **long-term electricity dispatch and capacity expansion analysis**, assisting PLP in evaluating the market opportunities and strategic benefits of deploying hydrogen-ready generation in Singapore's evolving energy landscape.

"We are proud to have supported PLP in this milestone project, which marks a significant step in Singapore's energy transition towards a lower-carbon future," said **Kim Keats Martínez, Partner at K4K**. *"Hydrogen-ready infrastructure, coupled with energy storage, is essential for ensuring a reliable, sustainable, and resilient power system."*

This project aligns with **Singapore's Energy Transition Roadmap**, reinforcing the nation's commitment to **decarbonizing its power sector** while maintaining energy security and reliability.

For more information, visit:

- **EMA Press Release:** EMA Awards New Generation Capacity to PacificLight Power

- **PLP Press Release:** PacificLight Power Awarded Right to Build New Hydrogen-Ready CCGT

- **PLP LinkedIn Post:** PacificLight Power Announcement

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