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PPC Group: Six new gas turbine units to modernize power plants in Rhodes, Crete, and Chios

- *Modernization of PPC's power plants in Rhodes, Crete, and Chios with six additional flexible gas turbine units totaling over 220 MW*
- *Installation of two new gas turbine units totaling 29 MW underway in Lesvos - trial operation scheduled for early 2026*
- *Improved environmental footprint through reduced emissions, particulates, and lower noise level*
- *Strengthening the islands' energy adequacy, supply security, and system resilience*

The commercial operation of five new flexible gas turbine units has commenced at PPC Group's power plants in Rhodes and Crete, having already contributed to ensuring the islands' energy adequacy during this summer season. Next in line is Chios, where another new gas turbine unit is expected to enter commercial operation within the year, with the total additional installed capacity of these units exceeding 220 MW.

At the same time, the installation of two new gas turbine units in Lesvos with a total capacity of 29 MW is in full progress, with trial operation expected to begin in early 2026. Additionally, in December 2024, two new gas turbine units were commissioned in Santorini.

The new state-of-the-art dual-fuel gas turbine units are designed to increase the generation capacity of the islands' power plants, ensuring reliable electricity supply while contributing to a reduction in Public Service Obligation costs. The replacement of heavy fuel oil (HFO) with diesel (LFO), combined with modern systems for reducing gaseous and particulate emissions, significantly improves the environmental footprint. Moreover, the noise levels of the new turbines, not exceeding 65 dB at the plant boundaries, are lower than those of existing units, further enhancing their environmental benefits.

Two additional new capacity projects underway in the Greek islands

Aiming at further strengthening the energy resilience of the islands, PPC Group continues to invest in modern, flexible generation units that ensure uninterrupted coverage of their growing energy needs. The Group's plan for the coming year includes two additional projects in Chios and Soroni, Rhodes, where existing units will be replaced by new gas turbine units fully compliant with European Union and Greek environmental legislation.

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