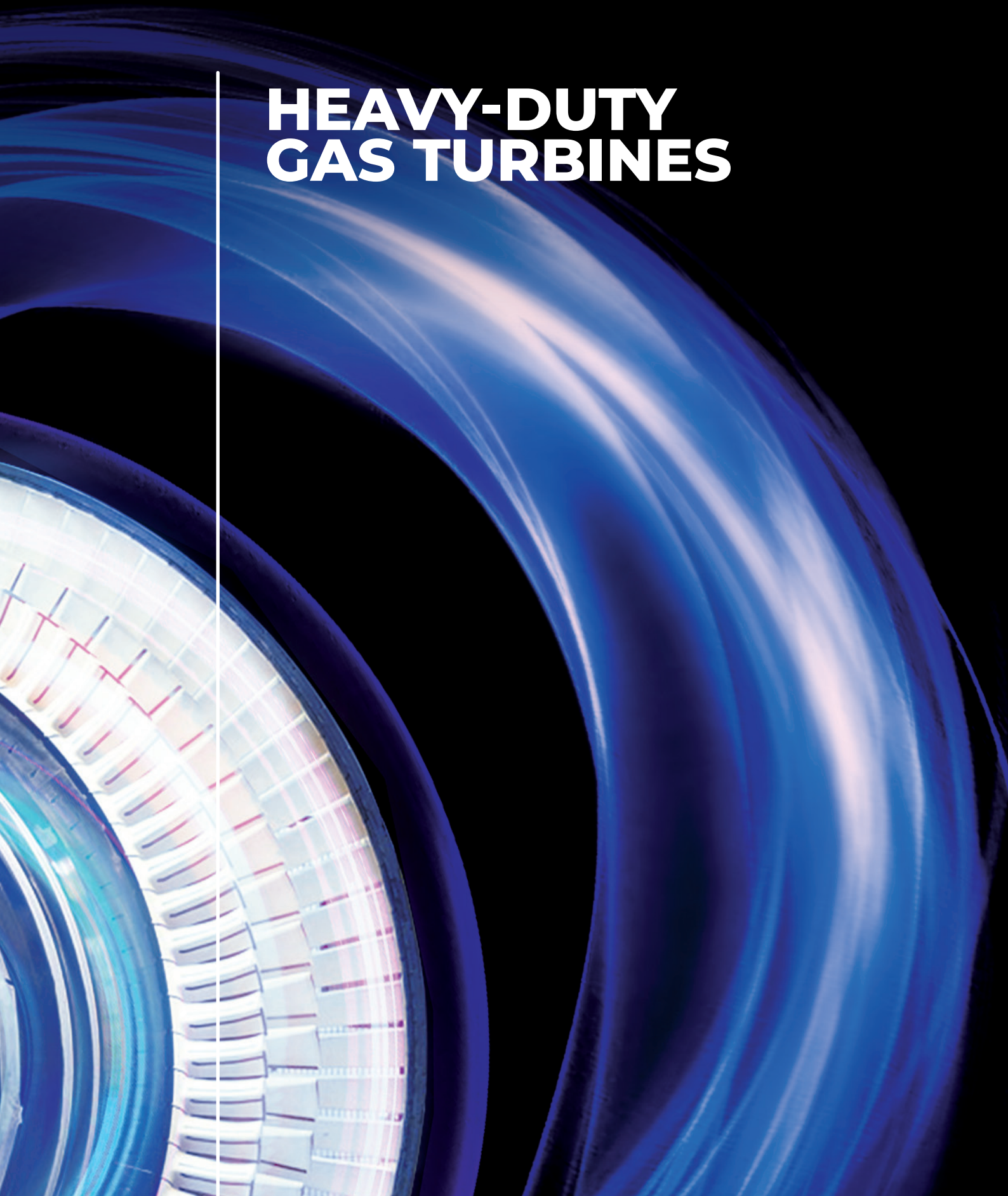


HEAVY-DUTY GAS TURBINES



HEAVY-DUTY GAS TURBINES

Ansaldo Energia offers **E-, F- and H-class heavy-duty gas turbines** with output ranging from 78 to **560+MW** (ISO Power) for Simple Cycle, from 120 to **800+MW** for Combined Cycle and Combined Heat and Power applications.

Type	Iso power (MW)		Frequency (Hz)
	Simple cycle	Combined cycle (depending on configuration)	
GT36-S5 	560+ (43%)	800+/1600+	50
GT26 	370 (41.0%)	540÷1,083	50
AE94.3A 	340 (40.3%)	495÷992	50
AE94.2 	191 (36.8%)	287÷578	50
AE64.3A 	78 (36.4%)	120÷243	50/60

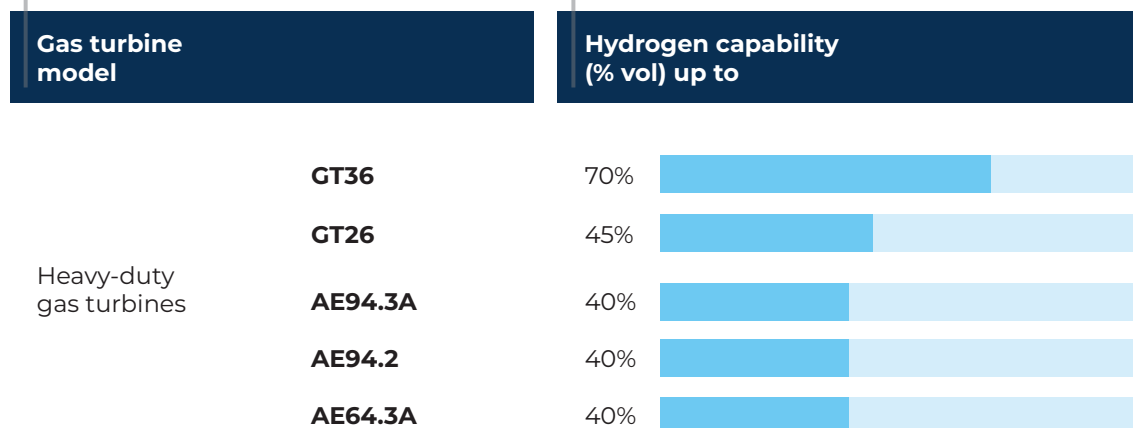
All engines are characterized by well-tested design and advanced technology, and feature **high performance, top flexibility, easy and reliable operation with low environmental impact.**

All their main working parameters can be controlled and adjusted remotely. The control system and auxiliary equipment have also been designed to meet **increasingly stringent eco-standards** while optimizing maintenance plans, minimizing lifecycle costs and **maximizing the return on investment.**

Extraordinary flexibility and low minimum environmental load allow these turbines to operate as a **real balancing unit**, taking full advantage of their wide range of operation to compensate for the intermittence of renewables in the grid.

Ansaldo Energia turbines can burn a wide range of different fuels (from **natural gas to heavy oil**), and all are **hydrogen-capable** in different percentages.

Research and development in this field is further accelerating: Ansaldo Energia has committed to **reach 100% hydrogen-capability with its gas turbine portfolio by 2030** while maintaining full compatibility with natural gas.





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