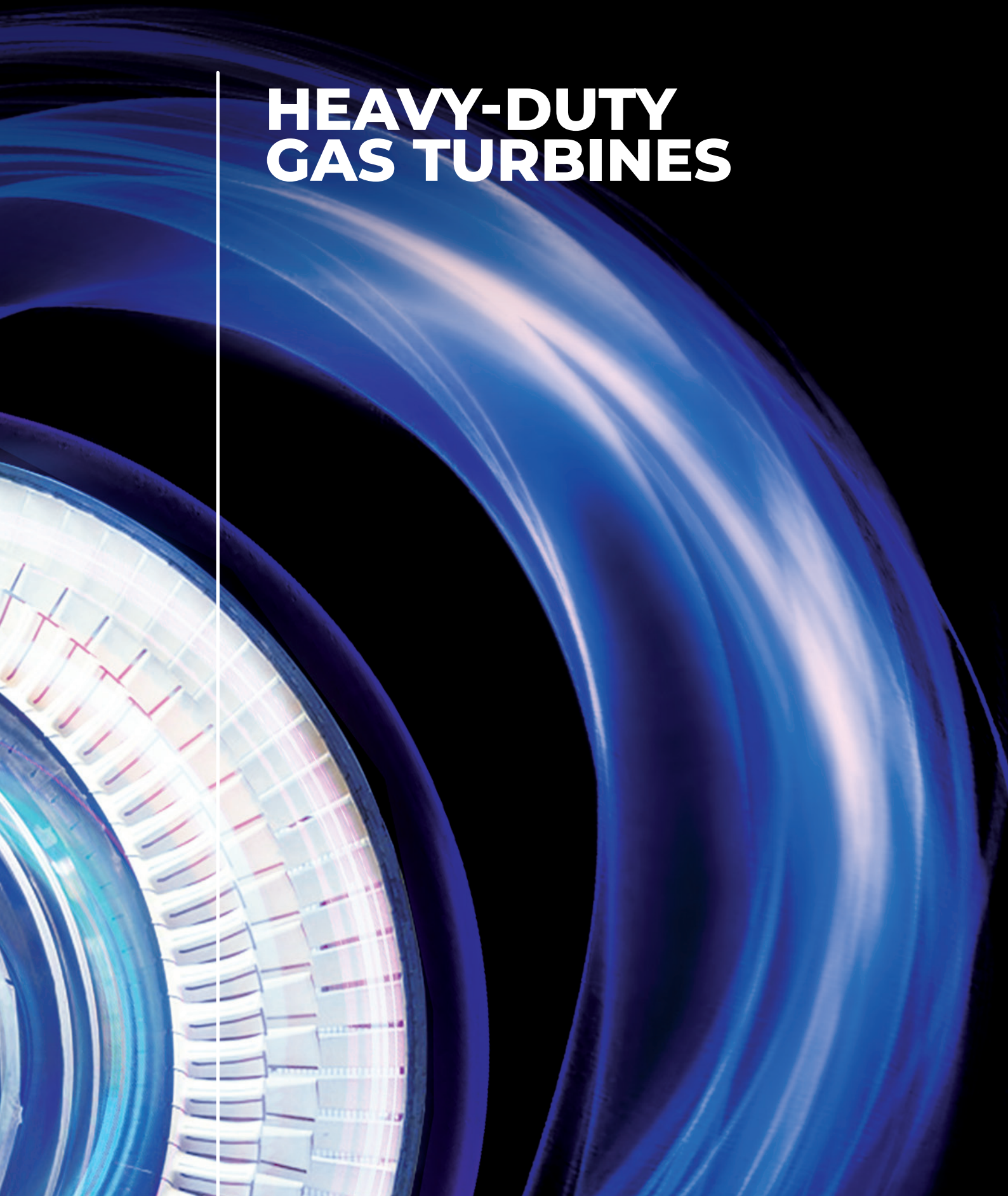







HEAVY-DUTY GAS TURBINES



HEAVY-DUTY GAS TURBINES

Ansaldo Energia offers **E-, F- and H-class heavy-duty gas turbines** with output ranging from 80 to **538 MW** (ISO Power) for Simple Cycle, from 120 to **760 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		538 42.8%	760÷1,525 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		80 36.4%	120÷243 50/60

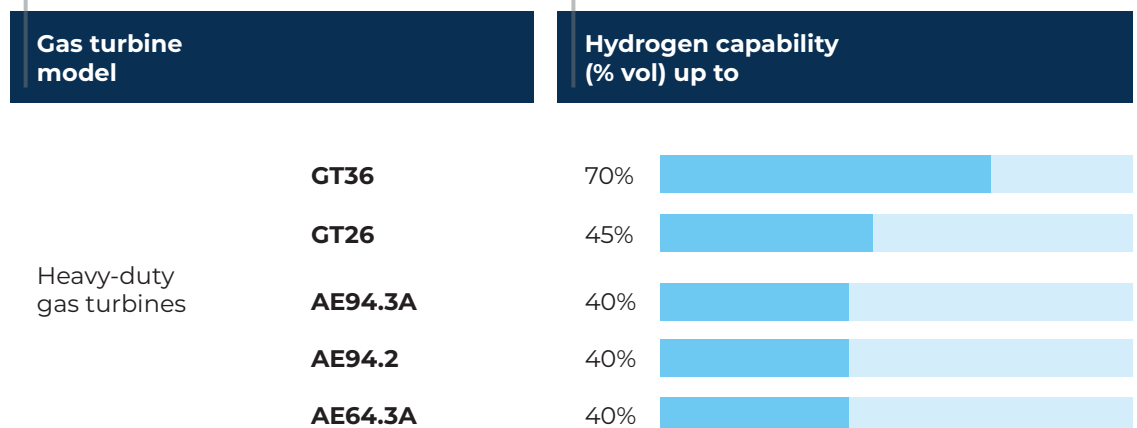
All engines are characterized by well-tested design and advanced technology, and feature **high performance, top flexibility, easy and reliable operation with low environmental impact.**

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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