

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 	563 (43%)	800+/1,600+	50
GT26 	370 (41.0%)	540÷1,083	50
AE94.3A 	340 (40.3%)	495÷992	50
AE94.2 	190 (36.8%)	287÷578	50
AE64.3A 	78 (36.9%)	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.

Gas turbine model		Hydrogen capability (% vol) up to	
Heavy-duty gas turbines	GT36	70%	<div><div></div></div>
	GT26	45%	<div><div></div></div>
	AE94.3A	40%	<div><div></div></div>
	AE94.2	40%	<div><div></div></div>
	AE64.3A	40%	<div><div></div></div>





For more information,
please visit
www.ansaldoenergia.com

Follow us on LinkedIn 
[www.linkedin.com/company/
ansaldo-energia](https://www.linkedin.com/company/ansaldo-energia)



Via N. Lorenzi, 8
16152 Genoa - Italy
Tel: +39 010 6551
ansaldogreentech.com

Ansaldo Energia, all rights reserved. Trademarks mentioned in this document are the property of Ansaldo Energia, its affiliates, or their respective owners in the scope of registration. The information contained in this document is merely indicative. No representation or warranty is provided, nor should be relied on, that such information is complete or correct or will apply to any particular project. This will depend on the technical and commercial circumstances. Said information is provided without liability and is subject to change without notice. Reproduction, use or disclosure to third parties, without express written authority, is strictly prohibited.