



AnsaldoEnergia

A Finmeccanica Company

Ansaldo Energia, a Finmeccanica Company, is the leading Italian manufacturer of thermoelectric power plants.

It operates worldwide for Customers ranging from Public Institutions to Independent Power Producers and Industrial customers.

Finmeccanica is the main Italian industrial group operating globally in the aerospace, defence and security sectors, and is one of the world's leading groups in the fields of helicopters and defence electronics. It is also the European leader for satellite and space services as well as having considerable know-how and production capacity in the energy and transport fields.

Headquartered in Italy and with a vast industrial base in the UK as well as important production facilities in the rest of Europe and in the USA, Finmeccanica has a workforce of more than 73,000 people, and a revenues volume of euro mil. 15,037.

Ansaldo Energia has excellent credentials, with an installed capacity of over 176,000 MW in more than 90 countries. The Company's main points of strength are its comprehensive offering and a flexible approach to projects. Ansaldo Energia has completed a lot of projects throughout the world, featuring a broad range of solutions and with the company acting in various roles from Co-Developer to Epc contractor, and from Original Equipment Manufacturer to Operation & Maintenance Contractor, also on third party machinery.

Ansaldo Energia offers the power generation market a broad range of products and services with the support of its independent manufacturing capabilities.

From component design and construction through to comprehensive turnkey solutions, from Operation & Maintenance services and monitoring & diagnostics through to repowering and requalifications, all delivered to the highest quality standards.



Ansaldo Energia is certified in compliance with the most highly accredited quality systems and strives constantly to improve performance while satisfying environmental needs.

The plant engineering process assesses key factors in the overall production system.

Ansaldo Energia provides plant engineering for turnkey power plants, including process, mechanical, civil installation and start-up engineering, helping customers define the features of new power plants.



The production centre is split into three product lines: gas turbines, steam turbines and generators, all featuring advanced technology designed to satisfy the most demanding Customer requirements in terms of efficiency, reliability and environmental impact.

The gas turbines produced by Ansaldo Energia range from 70 to more than 290 MW, comfortably satisfying the most complex power generation market demands. They offer absolute reliability and can be customised on request to increase production. Ansaldo Energia also provides ongoing after sales support.

Steam turbine production covers the entire range of applications, with power ratings in the 80 to 1200 MW range.

Generator production comprises air, hydrogen and water cooled models, drawing on consolidated experience from over 50,000 MVA of installed generating



capacity. Ansaldo Energia is also a leading provider of service for all types of electric power plant, offering assistance at all levels of complexity for its own and third party machinery. Ansaldo Energia handles all after sales issues with a broad range of global services, ranging from repairs and spare parts, to on-site work including overhauls and upgrades, right through to full service or Long Term Service Agreements.

All product lines are managed consistently with the new service approach, devised to create customer value by optimising assets.



Ansaldo Energia is also enhancing its non OEM service portfolio. By merging the company's OEM know-how with the expertise contributed by Ansaldo Thomassen and Ansaldo ESG, Ansaldo Energia offers the market a new service concept with the new "Original Service Provider" (OSP™) trademark.

Through the constant growth of a strengthened portfolio encompassing field service, repairs, parts, innovative upgrades and long term service agreements, Ansaldo Energia, Ansaldo Thomassen and Ansaldo ESG are advancing their mission to become a one-stop-shop for services in the power generation industry, on different components and machineries.

Ansaldo Energia continues to work in the nuclear power field through its subsidiary Ansaldo Nucleare, researching and developing solutions for innovative nuclear power stations, as well as offering a range of technologies and products addressed to the dismantling of nuclear installations and the treatment of radioactive waste.

Ansaldo Fuel Cells, a Finmeccanica Company, completes the group's power generation market coverage by developing high temperature Fuel Cells (Molten Carbonate Fuel Cells): the Company is one of the few player worldwide, and the only in Europe, that has invested in the development of Fuel Cells for power generation.





Ansaldo Energia has always been a byword for innovation and development in technology, concentrating work on the products which represent its core business.

Ansaldo Energia draws its strength not only from internal resources, but also from the collaboration with Universities and excellence centres in Italy and throughout the world.



The Company's true assets are the professional skills which underpin its excellence and credibility worldwide. The Company's team of dedicated professionals qualified by ongoing training schemes and new skilled resources express Ansaldo Energia's modernity and vitality, providing organisation, know how, technological innovation, design and construction skills with a view to the full satisfaction of its customers.

Around 3,000 people working together proudly to serve customers throughout the world in a constant process of renewal and bettering.





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