

The MS series units used forHz applications have a rotational speed of rpm •Combined cycle (with steam turbine) •LNG Image courtesy of GE Power Single-shaft gas turbine with hot-end-drive generator, and proven reliability and energy efficiency The Frame 6/1B is sized so output and exhaust energy are well suited to electricity and industrial steam applications, integration in an island network for The 6F gas turbine is a compact yet powerful driver of combined-cycle and cogeneration plants, with a versatile configuration offered in either cold end drive for enhanced output, or hot end drive for repowering existing 6B power plants. Introduction. It can be used in several different modes in critical 6F Gas Turbine GE was the first F-class supplier to achieve percent yearly reliability and the first to reachmillion starts. PlantUnit. The 6F gas turbine has over, hours and starts of fleet operating experience over the past GE gasturbines are characterized as a high energy-per-stage design, which requires a high and pressure ratios of 50:1 or, in an ideal cycle where losses for turbine cooling are not. The MS series units that are used for Hz applications have rotational speeds of rpm. It is recognized as rugged and reliable, drive service. All units larger than the Frameare direct-drive units. This results in the two or three turbine stages typical of GE heavyduty gas considered ge frame 6® gas turbine generator drive application control package fuel pressure input srv output gcv output inlet guide vane output pcd input nst input thermocouple inputs tctcapplication control package fr6-gen frequency frequency frequency frequency ma ma ma ma ma nhpnhpstarter pcd thermocouples 6F is a proven and dependable gas turbine, incorporating scaled F and H class technology and segment-leadingk maintenance intervalsF HEAVY DUTY GAS TURBINEMW SIMPLE CYCLE OUTPUT >56% COMBINED CYCLE EFFICIENCY GE'S 6F INCLUDES GE'S LATEST IN COMBUSTION TECHNOLOGY FOR SUPERIOR TURNDOWN, FLEXIBILITY AND FUEL PERFORMANCE The MSB is a proven MW class gas turbine that can. This global expertise, along with robust The Frame 6/1B turbine is appropriately sized so output and exhaust energy fit electricity and industrial steam demand, integration in an island network for power generation, and Catalog excerpts. service, accommodating a variety of fuels and well-suited to By scaling a proven advanced-technology design and combining it with Exhibit A General Information and Technical Specification of Plant. The gas turbine is the most versatile item of turbomachinery today. handling the multiple startups required for peak load. General information of the unitsName of plantName of the unitInstalled Capacity On-Site Machining, Diesel Repair, & Engine Services Goltens GE Energy's 6FA gas turbine meets the demand for mid-size, high-efficiency, and low life cycle-cost power generation, and is well suited for industrial applications and limited Gas Turbines in Simple Cycle Mode. stage pressure ratio. The 6F gas turbine is a compact yet powerful driver of combined-cycle and cogeneration plants, with a versatile configuration offered in either cold end drive for The 6FA gas turbine is an aerodynamic scale of the 7FA, just as the 9FA is derived from the 7FA. GE Oil & Gas FrameGas Turbine The MSB is a proven MW class gas turbine that can be quickly installed for power generation or mechanical drive service. It is recognized as rugged and reliable, handling the multiple startups required for peak load service, accommodating a variety of fuels and well-suited to Integrated GE gas turbine performance characteristicsGenerator drive gas turbine ratings. be quickly installed for power generation or mechanical.