

## **Mark\* II and Mark II-ITS Gas Turbine Control End of Engineering Support**

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Introduced in 1973, the Mark II turbine control system completed many years of successful service as one of GE's main-line unit controls through 1984 with the End-of-Production announcements. Because the technology has become very limited, GE can no longer support ongoing-engineered solutions, system upgrades, and modification kits. Direct parts replacement continues under GE's renewal parts programs. This is subject to component availability, current inventory, and prior part sales.

GE continues to invest in new technology to keep pace with the growing demand for increased performance and reliability. This new technology is reflected in the latest generation of control platforms: Mark VI control, Mark VIe control, EX2100 Excitation control, and LS2100 Static Starter control.

The Mark VI and VIe control platforms along with the ToolboxST\* application already have an experience base of well over three thousand turbine and plant systems. These cutting-edge controls support additional advanced applications including distributed control system (DCS) features for combined cycle, fossil, and integrated gasification combined cycle (IGCC) power plants, and compressor / pipeline applications. GE's flexible architecture platforms, onboard I/O processors, networks, versatile programming libraries, and many other features offer significant advancements over past controls and reduce overall life-cycle costs.

The Mark VIe control provides a common control platform for direct monitoring of the unique sensors and actuators on the rotating machinery. It communicates with other GE systems (programmable logic controllers, protection relays, and asset management products) and directs the control of Balance of Plant (BOP) equipment. This greatly simplifies plant operations and reduces spare parts, training, and maintenance costs.

GE is committed to the life-cycle support of your controls and associated equipment. For further assistance or technical information, contact the nearest GE Sales or Service Office, or an authorized GE Sales Representative.

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