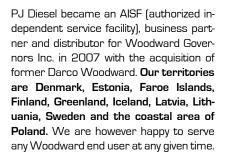
GOVERNORS AND CONTROLS DIVISION



Woodward, a pioneer in the development of electronic turbine controls, has evolved

in the area of hardware and software platforms to offer the latest hardware technology, software programming/simulation, communication alternatives and harsh environment alternatives. As an independent controls company that also serves the industrial engine and power management markets, Woodward integrates technologies from adjacent markets to offer proven, low cost solutions.

PJ WOODWARD OFFERS:

- Trained field service engineers with a 24 hour response world wide.
- Full reconditioning workshop facility.
- Large spare parts stock.
- Exchange program enabling rapid response and service.
- Full reconditioning and repair workshop facilities.
- Woodward test beds.
- Additional approved service facility for other governor makes and types.

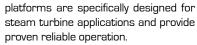
Gas and Steam Turbine Control & Valves The integrated Turbine Generator Control (ITGC) by Woodward combines turbine control, generator circuit breaker control, load management, generator and turbine protection as well as turbine auxiliary systems power supply and control within one system. It also allows the entire regulation of the turbine.

Woodward steam turbine valve based actuators have high accuracy, fast response times, and long-term reliability. Platforms range from self-contained pump/servo systems, to electric actuation, to servo position controllers. These



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Our controls feature both simplex and fault-tolerant configurations for availability to meet any system need. Software is user friendly, sophisticated block programming language.

Power Management

Based on decades of experience with Genset control, load/VAR sharing, synchronization and power protection technologies, Woodward's power management product line is unsurpassed. With Woodward's power management systems, we can provide control system solutions for every power generation application, ranging from simple to complex systems.

WOOD

WARD ______ Business Partner

WOODWARD

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VERNOR SPEED

CUSTOWER'S MO

The power management systems are based on four core technologies:

- Generator system control, monitoring and protection
- Generator voltage regulation
 and protection
- Switchgear control and utility protection
- Total systems integration.





