Aftermarket Services

Synchronous Control Systems

Refurbishing/ Retrofitting Control Wheels



All new components, heat sinks, conductors, insulators, fasteners, lugs, etc. built on a mock-up wheel



Everything on the mock-up transferred to the existing control wheel chassis



A TECO-Westinghouse control wheel customized to fit onto an other OEM motor



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Brushless Control Wheel Replacements and Retrofits

- Convert other OEM unsupported control wheels to a TWMC design
- On-site troubleshooting, repairs, and rebuilds
- In stock renewal parts



Aftermarket Services

Synchronous Control Systems

Exciter Control Panel Upgrades



An analog, manual only, exciter control panel



The same panel space fitted with a new digital exciter and power factor controller



A typical '80s analog exciter control panel crowded with obsolete components



The same line-up with only a few components remaining

Exciter Control Panel Upgrades

- Replace outdated Analog Controls with a modern Digital System using the same panel space
- Superior control and accuracy of Voltage, VAR, and Power Factor Regulation
- Enhanced system response
- Advanced motor protection
- Reliable system operation

