

Turbomachinery INTERNATIONAL

Covering the selection, operation, maintenance and overhaul of rotating equipment.



**Special Section:
Compressors,
Expanders
and Pumps**

- New Gas Turbine from Siemens
- Combined Cycles in Japan

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On the Cover: Chevron USA's power recovery string, soon to be installed in their Richmond, California refinery's FCCU Project. Seen here in the Elliott Company's Jeannette, Pennsylvania, USA plant, the string includes (left to right) Elliott's Power Recovery Turbine (largest in the world at 42,200 hp), an Elliott axial compressor 37A14(15)-7 (34,400 hp), an Elliott 2SQNV5 steam turbine (17,100 hp), and an Electric Machinery synchronous motor/generator (15,000 hp). This string will operate at 3600 rpm. The equipment was shipped from Jeannette in December of 1994, and startup is scheduled for the fourth quarter of 1995.