

### 1 Start-up Valves for HP & IP Turbine

- Superior sealing ensures no loss of process steam
- Multi-stage trim efficiently reduces noise generated by large pressure drops
- Rotary seal action prevents typical stem leakage associated with rising stem designs

### 2 Drain / Vent Valves off of Drums, Economizer and Sump Pump

- Rotary control valve has stronger sealing capabilities than traditional leak-through steam trap
- FlexStream® velocity control technology reduces harmful effects of flashing
- FlexStream® design provides reliable rotary control operation through PLC / DCS, instead of typical mechanical devices

### 3 Motor-operated On / Off Drain Valves

- Quick quarter-turn, metal-seated ball valve seals tighter than multi-turn, torque-seated vertical rising stem valve
- Ball and seat of same material and coating matches thermal expansion rates to prevent seizing
- Mate-lapped ball and seats ensure superior sealing
- Seats are protected from flow in open / close position

### 4 Feedwater Control Valve

- Engineered multi-stage trim design provides high rangeability
- Multi-stage trim design protects against devastating effects of cavitation, especially during startup
- Flow capacity is superior to comparable linear valve, maximizing feed pump efficiency

Typical Triple-pressure Cycle HRSG System

