

# The power generation process from plant to distribution

## Application Note

If you work in power generation you face challenges such as preventing downtime, testing safety systems, troubleshooting process interruption with immediate response and repair, testing leak rate, and increasing throughput. Many tools—digital multimeters, vibration tools, thermal imagers—can help you; we highlight process tools here.

### Multifunction and loop calibrators

- Troubleshooting and calibrating 4–20 mA loops, temperature, pressure and frequency input instruments
- Documenting the performance of temperature and calibration pressure switches and transmitters



773 Milliamp Process  
Clamp Meter



754 Documenting  
Process Calibrator-  
HART



789 ProcessMeter™  
with 250 Ohm HART  
resistor

### Temperature calibration tools

- Troubleshooting and calibrating temperature instrumentation
- Testing temperature sensors
- Measuring and sourcing thermocouples and RTDs, plus volts and ohms into control system I/O



724 Temperature  
Calibrator

### Pressure calibration tools

- Calibrating pressure transmitters, gauges, and switches
- Maintaining almost any pressure device using pressure sourcing and milliamp measurements
- Calibrating P/I instruments with simultaneous pressure and current measurement



719 Portable Electric  
Pressure Calibrator



700G Precision  
Pressure Gauge  
Calibrator

See diagram on next page

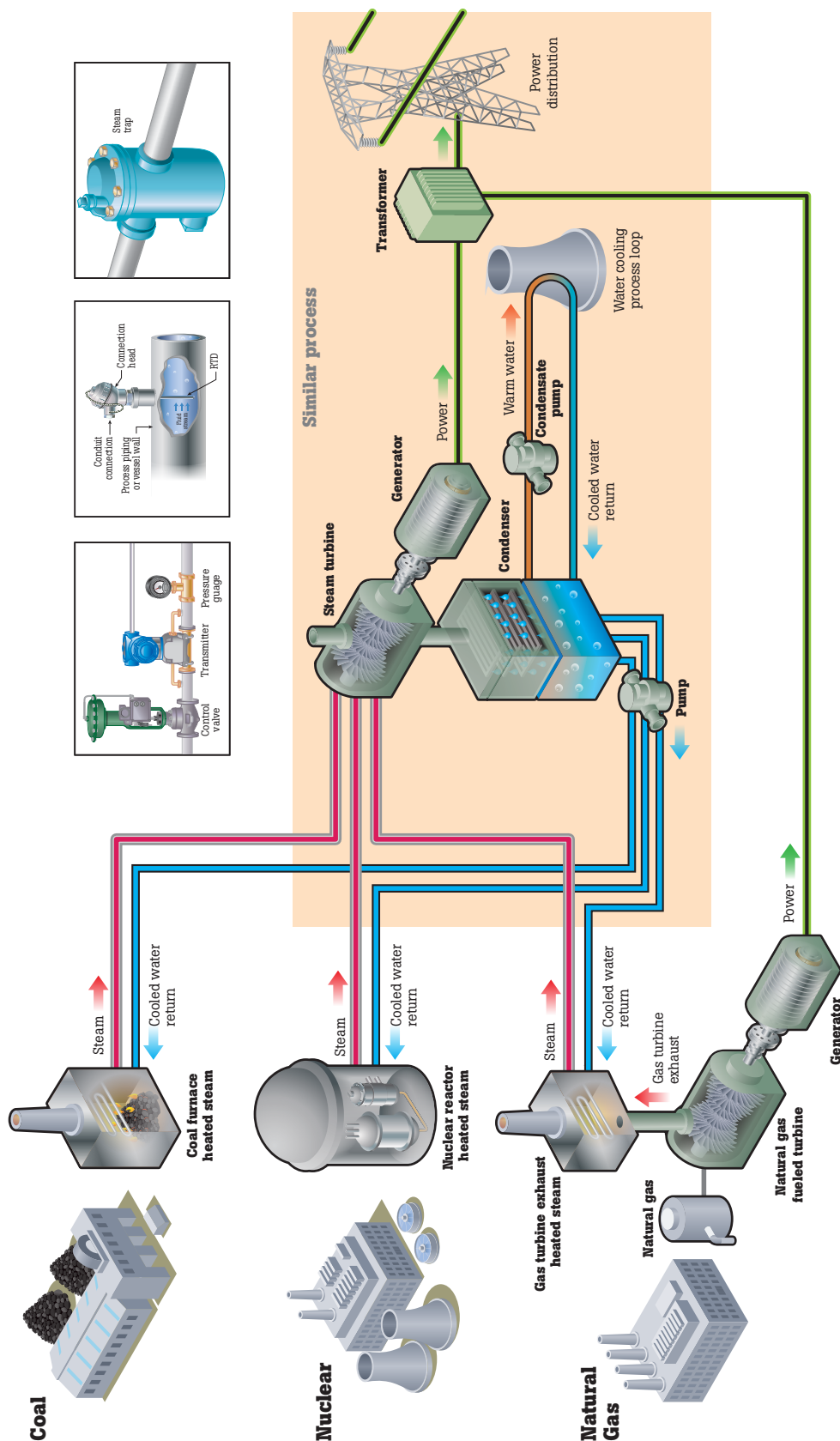


Diagram is not intended to be an exact representation. Diagram components are not to scale and are for illustrative purposes only.

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