Intelligent Workplace – Engine Generator / Heat Recovery Thermal Flow Diagram

State Description
0: Ambient
1: Gen Set Air Inlet
2: Gen Set Fuel Inlet
3: Gen Set Exhaust
4: Steam Generator Exhaust Inlet
5: Steam Generator Exhaust Outlet
6: Steam Generator Exhaust Bypass
7: Exhaust Stack
10: Gen Set Coolant Inlet
11: Gen Set Coolant Outlet
12: Coolant Heat Exchanger Coolant Inlet
13: Coolant Heat Exchanger Coolant Outlet
14: Radiator Inlet
15: Radiator Outlet
20: Steam Generator Steam Outlet
21: Absorption Chiller Steam Inlet
22: Absorption Chiller Condensate Outlet
23: Condensate Receiver Inlet
24: Condensate Receiver Outlet
25: Steam Generator Water Inlet
26: Converter Steam Inlet
27: Converter Steam Outlet
28: Electric Boiler Inlet
29: Electric Boiler Outlet
30: Converter Hot Water Inlet
31: Converter Hot Water Outlet
40: Absorption Chiller Chilled Water Inlet
41: Absorption Chiller Chilled Water Outlet
50: Coolant Heat Exchanger Water Inlet
51: Coolant Heat Exchanger Water Outlet

Sensor Key:
- T: Temperature
- P: Pressure
- M: Mass Flow Rate
- E: Electrical Power
- L: Liquid Level
- C: Fluid Composition
- A: Alarm

Key:
- Flow Regulating Valve
- Flow Regulating Damper
- Three Way Valve
- Pressure Reduction Valve
- 3-Way Flow Reg. Valve
- State Number

Note: PM at state 3 indicates Particulate Matter measurement, not mass flow and pressure.