



Gross Power = 50293 kW, Aux. & Transformer losses = 1561.2 kW, Net Power Output = 48732 kW
 Gross Heat Rate = 8698 kJ/kWh, Net Heat Rate = 8976 kJ/kWh (LHV)
 Gross Elec Eff = 41.39 %, Net Elec Eff = 40.11 %, PURPA Eff = 64.49 %, CHP (Total) Eff = 88.87 % (LHV)
 Fuel LHV chemical energy input = 121507 kW

GT PRO 28.0 ME
 0 08-16-2018 17:27:25 file=C:\TFLOW28\MYFILES\Cogen plant with BPST GTP
 p [bar], T [C], H [kJ/kg], M [kg/s], Q [kW], Steam Properties: IFC-67

Company:	Thermoflow, Inc.
User:	ME
Plant Configuration:	Gas Turbine: MHPS H-25(42) (Physical Model) - 1 unit
	HRSG: Non-reheat, Horizontal HRSG - 1 unit
	Steam Turbine: Back pressure - 1 unit
Project:	Cooling System: None
Site:	
Heat Balance:	
Date:	08-16-2018
Notes:	