

f GT PRO 180.2o

1.01 p  
29 T  
70 %RH  
275.6m  
0m elev.

1 p  
29 T  
275.6m

1X GE 7121EA

11.88 p  
377 T

11.4 p  
1110 T

Natural gas 5.204 m  
LHV= 240866 kJ/m<sup>3</sup>

25 T

77440 kW

1.09 p  
547 T  
280.8 M

Net Power 76477 kW  
LHV Heat Rate 11338 kJ/kWh

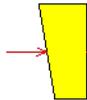
73.64%N<sub>2</sub>  
13.7%CO<sub>2</sub>  
3.116%CO  
8.66%H<sub>2</sub>O  
0.8855%Ar

g[bar], T[C], M[g/s], SteamProperties: ThermoFlow- STGUIK

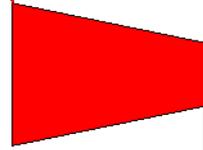
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f GT PRO 180.2o

1.01 p  
29 T  
70 %RH  
275.6m  
0 mdev.



1 p  
29 T  
275.6m



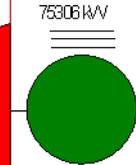
1X GE 7121EA

11.81 p  
375 T

11.33 p  
1110 T

No.2 Distillate 5.57 m  
LHV= 237090 kJ/m<sup>3</sup>

25 T



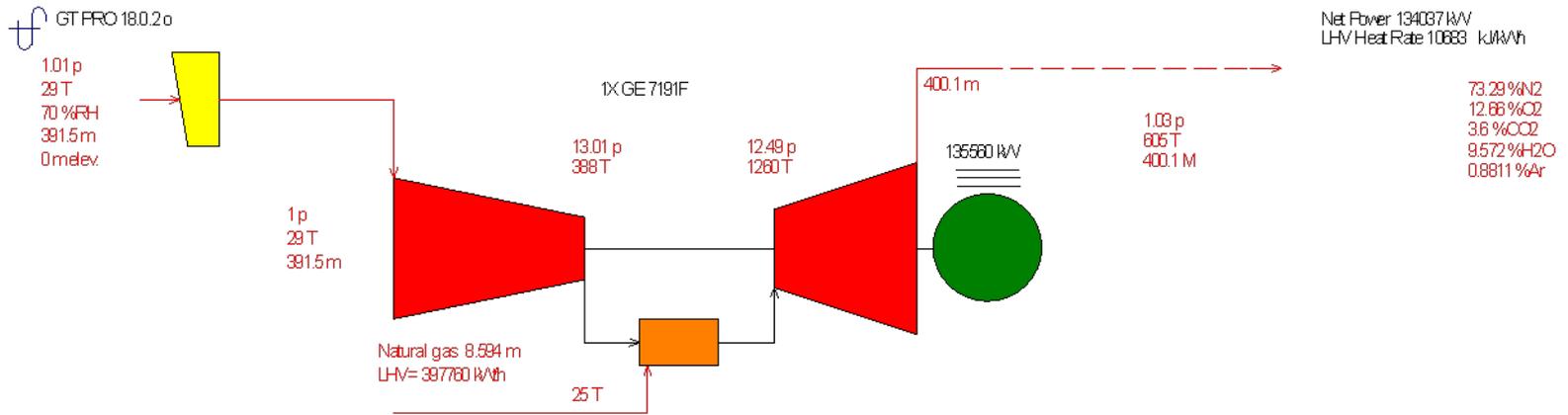
75306 kW

281.2 m

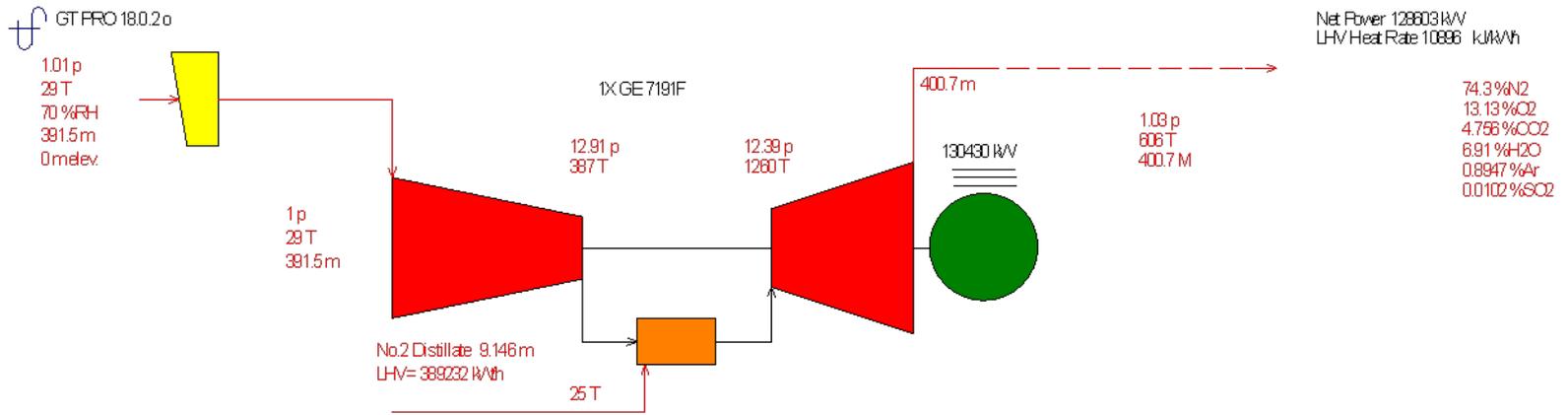
1.03 p  
548 T  
281.2 M

Net Power 74174 kW  
LHV Heat Rate 11504 kJ/kWh

74.5 %N<sub>2</sub>  
14.08 %CO<sub>2</sub>  
4.13 %CO  
6.37 %H<sub>2</sub>O  
0.8972 %Ar  
0.0088 %SO<sub>2</sub>



g[bar], T[C], M[g/s], SteamProperties: ThermoFlow- STGUIK

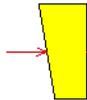


g[bar], T[C], M[g/s], SteamProperties: ThermoFlow- STGUIK

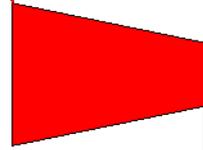
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f GT PRO 180.2o

1.01 p  
29 T  
70 %RH  
122.3m  
0mlev.



1 p  
29 T  
122.3m



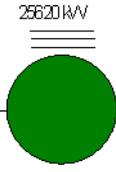
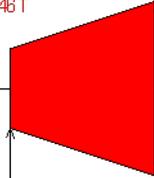
1X P+WFT4C-3F

13.01 p  
400 T

12.49 p  
1046 T

Natural gas 1.863 m  
LHV= 86221 kJ/m<sup>3</sup>

25 T



25620 kW

124.1 m

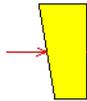
1.03 p  
488 T  
124.1 M

Net Power 25213 kW  
LHV Heat Rate 12311 kJ/kWh

74.06%N<sub>2</sub>  
14.95%CO<sub>2</sub>  
2.535%CO  
7.584%H<sub>2</sub>O  
0.8808%Ar

f GT PRO 180.2o

1.01 p  
29 T  
70 %RH  
122.3m  
0 mdev.



1 p  
29 T  
122.3m

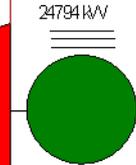
No.2 Distillate 1.994 m  
LHV= 84843 kJ/m<sup>3</sup>

25 T

1X P+WFT4C-3F

12.94 p  
398 T

12.43 p  
1046 T



24794 kW

1.03 p  
489 T  
124.3 M

Net Power 24330 kW  
LHV Heat Rate 12564 kJ/kWh

74.76%N<sub>2</sub>  
15.28%CO<sub>2</sub>  
3.349%CO  
5.698%H<sub>2</sub>O  
0.9004%Ar  
0.0072%SO<sub>2</sub>

g[bar], T[C], M[g/s], SteamProperties: ThermoFlow- STGUIK

1884 09-24-2008 08:58:14 file=C:\Documents and Settings\stbob.pendergrass\My Documents\ThermoFlow18\Performance Runs\ProcEnergy Services\ss\_P+WFT4\No2D.gtp