

Section 5.0 Expected Performance

CURUPAO

Power Plant

(2)7FA

1500

Site Elevation

Feet

Design Temperature

74 F

Relative Humidity

75%

Line Frequency

60 Hz

ID GTPRO

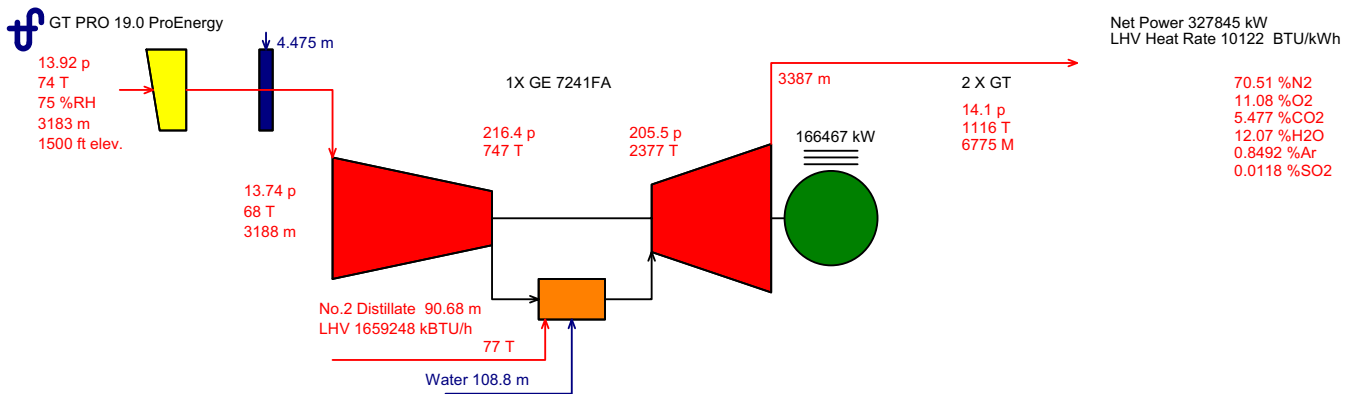
135

	(2) 7FA	(2) LM6000	TOTAL
CC & SC	DFO	DFO	GF EV
Gross Power KW	332935	87419	420,354
Net Power KW	327845	85888	413,733
Aux & Losses KW	5090	1531.2	6,621
LHV Gross Heat Rate (BTU/kWh)	9967	8742	9,355
LHV Net Heat Rate (BTU/kWh)	10122	8898	9,510
LHV Gross Electric Eff %	34.23	39.03	37
LHV Net Electric Eff %	33.71	38.35	36
LHV Fuel (kBTU/h)	3318495	764260	4,082,755
HHV Fuel (kBTU/h)	3534647	814040	4,348,687
Diesel (KPPH)	181.4	41.8	223.2
Diesel (GPM)	419.4	96.6	516.0
Water for Nox (KPPH)	217.6	38.7	256.3
Water for Nox (GPM)	435.2	77.4	512.6
SPT Water (KPPH)	0.0	17.8	17.8
SPT Water (GPM)	0.0	35.6	35.6
Evap Water (KPPH)	8.95	2.638	11.588
Evap Water (GPM)	18	5	23

TOTAL

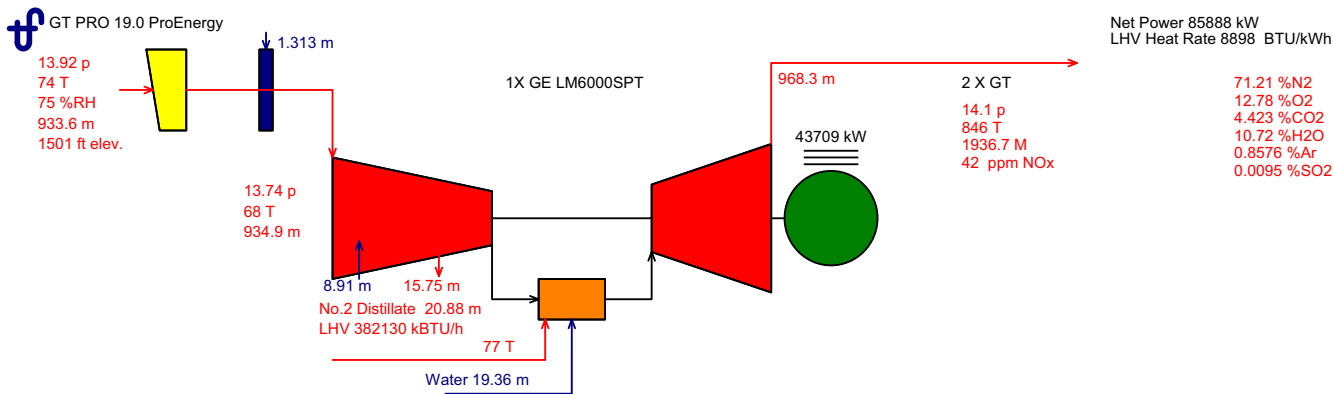
(3) Days

Liquid Fuel	516	GPM	742,994	GPD	2,228,981
Demin Water	548	GPM	789,494	GPD	2,368,483
RAW Water	985	GPM	1,418,868	GPD	4,256,604



p[psia], T[F], M[kpph], Steam Properties: Thermoflow - STQUIK

2121 11-03-2010 16:15:43 file=C:\TFlow19\MYFILES\Curupao CC 7FA\SC\DRY\SC2FALF WI.gtp



p[psia], T[F], M[kpph], Steam Properties: Thermoflow - STQUIK

2121 10-08-2010 08:13:06 file=C:\TFlow19\MYFILES\Curupao CC 7FA\LM6000\LM6000 LF EV SC.gtp