POWER PRODUCED BY HPT, IPT AND LPT

500 MW 0%MU 33°C COOLING WATER TEMP

		PRESSURE (Abs. Gauge)	*TEMP.*	QUA-LITY	*MASS FLOW RATE*	*ENTHALPY*		*ISENTRO--PIC ENTHALPY*	*ACTUAL ENTHALPY DROP*	*ISENTROPIC ENTHALPY DROP*	*POWER OUTPUT*	*NET POWER OUTPUT*	*% POWER SHARING*	*INTERNAL EFFICIENCY*
SYMBOL		*p*	*T*	*X*	*M*	*h*		*hs*	$h_{IN} - h_{OUT}$	$h_{IN} - hs$	*P*	*P*	*-*	*% η*
UNITS		*Kg/cm²*	*°C*	*-*	*T/hr*	*kCal/kg*	*kJ/Kg*	*kJ/Kg*	*kJ/Kg*	*kJ/Kg*	*MW*	*MW*	*%*	*-*
HPT	**INLET**	170	537	-	1496.8	811.1	3393.6		338.485	380.942		**140.738**	**27.7**	**88.85**
	OUTLET	45.02	339.9	-	1333.9	730.2	3055.1	3012.70			140.738			
	Ext-6	45.02	339.9	-	157.45	730.2	3055.1							
IPT	**INLET**	40.52	537	-	1333.9	843.3	3528.3		489.109	522.427		**175.47**	**34.53**	**93.62**
	Ext-5	17.51	415	--	85.148	784.7	3283.1				90.85			
	OUTLET	7.18	291.3	-	1115.2	726.4	3039.2	3005.94			84.62			
	Ext-4	7.18	291.3	-	136.49	726.4	3039.2							
LPT	**INLET**	7.18	291.3	-	1115.2	726.4	3039.2		667.348	735.746		**191.82**	**37.75**	**90.70**
	Ext-3	2.843	191.7	-	41.244	680.7	2484.0				59.23			
	Ext-2	1.527	133.9	-	75.784	654.5	2738.4				32.70			
	Ext-1	0.355	-	0.953	42.078	602.4	2520.4				60.44			
	OUTLET	0.1033	-	0.911	956.80	566.9	2371.9	2303.511			39.44			
		TOTAL										***508.034***	***100***	

POWER PRODUCED BY HPT, IPT AND LPT

400 MW 0%MU 33°C COOLING WATER TEMP

		PRESSURE (Abs. Gauge)	TEMP.	QUALITY	MASS FLOW RATE	ENTHALPY		ISENTROPIC ENTHALPY	ACTUAL ENTHALPY DROP	ISENTROPIC ENTHALPY DROP	POWER OUTPUT	NET POWER OUTPUT	% POWER SHARING	INTERNAL EFFICIENCY
SYMBOL		p	T	X	M	h		hs	$h_{IN} - h_{OUT}$	$h_{IN} - hs$	P	P	-	% η
UNITS		Kg/cm²	°C	-	T/hr	kCal/kg	kJ/Kg	kJ/Kg	kJ/Kg	kJ/Kg	MW	MW	%	-
HPT	INLET	170	537	-	1185.6	811	3393.64		335.1	431.66		110	27	77.631
	OUTLET	36.28	332.5	-	109.62	731	3058.5	2961.94			110			
	Ext-6	36.28	332.5	-	1071.6	731	3058.5							
IPT	INLET	32.66	537	--	1071.6	845.1	3535.8		487.5	521.73		141.254	34.77	93.84
	Ext-5	14.23	416.3	-	63.753	786.6	3291.1				72.611			
	OUTLET	5.85	293.2	-	905.18	728.2	3048.4	3014.07			68.643			
	Ext-4	5.85	293.2	-	104.98	728.2	3048.4							
LPT	INLET	5.85	293.2	-	905.18	728.3	3048.4		662.3	379.29		154.955	38.14	91.16
	Ext-3	2.324	193.7	-	31.785	682.3	2854.7				48.288			
	Ext-2	1.243	135.2	-	58.316	655.7	2743.4				27			
	Ext-1	0.293	-	0.959	31.805	603.9	2526.7				49.079			
	OUTLET	0.09119	-	0.919	783.98	570.3	2386.1	2669.11			30.587			
		TOTAL										406.209	100	

POWER PRODUCED BY HPT, IPT AND LPT

400 MW 0%MU 33°C COOLING WATER TEMP, SLIDING PRESSURE OPERTATION

		PRESSURE (Abs. Gauge)	TEMP.	QUALITY	MASS FLOW RATE	ENTHALPY		ISENTROPIC ENTHALPY	ACTUAL ENTHALPY DROP	ISENTROPIC ENTHALPY DROP	POWER OUTPUT	NET POWER OUTPUT	% POWER SHARING	INTERNAL EFFICIENCY
SYMBOL		p	T	X	M	h		hs	$h_{IN} - h_{OUT}$	$h_{IN} - hs$	P	P	-	% η
UNITS		Kg/cm²	°C	-	T/hr	kCal/kg	kJ/Kg	kJ/Kg	kJ/Kg	kJ/Kg	MW	MW	%	-
HPT	INLET	127.02	537	-	1165.90	822.4	3440.9		349.4	377.14		113.14	27.62	92.629
	OUTLET	35.78	345.4	-	1055.18	738.9	3091.5	3063.76			113.145			
	Ext-6	35.78	345.4	-	345.4	738.9	3091.5							
IPT	INLET	32.185	537	-	1055.18	845.2	3536.3		486.2	523.54		141.268	34.48	92.861
	Ext-5	14.05	416.6	-	62.735	786.8	3291.9				72.860			
	OUTLET	5.85	295	-	903.03	729	3050.1	3012.76			68.408			
	Ext-4	5.85	295	-	91.594	729	3050.1							
LPT	INLET	5.85	295	-	903.03	729	3050.1		671.8	680.47		155.222	37.89	96.5071
	Ext-3	2.325	195.2	-	31.284	683	2857.6				48.286			
	Ext-2	1.243	136.6	-	57.419	656.3	2745.9				27.056			
	Ext-1	0.293	-	0.96	31.565	604.5	2529.2				49.034			
	OUTLET	0.0911	-	0.92	783.47	570.6	2387.3	2369.93			30.846			
		TOTAL										409.633	100	

POWER PRODUCED BY HPT, IPT AND LPT

300 MW 0%MU 33°C COOLING WATER TEMP

		PRESSURE (Abs. Gauge)	TEMP.	QUALITY	MASS FLOW RATE	ENTHALPY		ISENTROPIC ENTHALPY	ACTUAL ENTHALPY DROP	ISENTROPIC ENTHALPY DROP	POWER OUTPUT	NET POWER OUTPUT	% POWER SHARING	INTERNAL EFFICIENCY
SYMBOL		p	T	X	M	h		hs	$h_{IN} - h_{OUT}$	$h_{IN} - hs$	P	P	-	% η
UNITS		Kg/cm²	°C	-	T/hr	kCal/kg	kJ/Kg	kJ/Kg	kJ/Kg	kJ/Kg	MW	MW	%	-
HPT	INLET	170	537	-	886.49	811.1	3393.5		332.1	494.02		81.803	26.754	67.66
	OUTLET	27.61	324.8	-	70.192	731.7	3061.4	2899.48			81.803			
	Ext-6	27.61	324.8	-	812.9	731.7	3061.4							
IPT	INLET	24.86	537	-	812.98	846.9	3543.4		490.4	523		107.716	35.229	93.754
	Ext-5	10.92	417.6	-	44.278	788.4	3298.6				55.274			
	OUTLET	4.48	294.7	-	691.14	729.7	3053.0	3020.4			52.442			
	Ext-4	4.48	294.7	-	79.294	729.7	3053.0							
LPT	INLET	4.48	294.7	-	691.14	729.7	3053.0		644.7	704.68		116.235	38.015	91.487
	Ext-3	1.787	195.3	-	22.908	683.7	2860.6				36.95			
	Ext-2	0.952	136.2	-	41.749	656.8	2748.0				20.969			
	Ext-1	0.228	-	0.966	21.265	605.3	2532.5				37.425			
	OUTLET	0.0814	-	0.930	605.93	575.6	2408.3	2348.32			20.891			
		TOTAL											100	

POWER PRODUCED BY HPT, IPT AND LPT

300 MW 0%MU 33°C COOLING WATER TEMP, SLIDING PRESSURE OPERATION

		PRESSURE (Abs. Gauge)	TEMP.	QUALITY	MASS FLOW RATE	ENTHALPY		ISENTROPIC ENTHALPY	ACTUAL ENTHALPY DROP	ISENTROPIC ENTHALPY DROP	POWER OUTPUT	NET POWER OUTPUT	% POWER SHARING	INTERNAL EFFICIENCY
SYMBOL		p	T	X	M	h		hs	$h_{IN} - h_{OUT}$	$h_{IN} - hs$	P	P	-	% η
UNITS		Kg/cm²	°C	-	T/hr	kCal/kg	kJ/Kg	kJ/Kg	kJ/Kg	kJ/Kg	MW	MW	%	-
HPT	INLET	95.01	537	-	861.66	830.3	3473.97		356.06	389.31		**85.243**	**20.12**	**91.457**
	OUTLET	26.93	348.3	-	790.94	745.2	3117.91	3084.66			85.243			
	Ext-6	26.93	348.3	-	67.783	745.2	3117.91							
IPT	INLET	24.21	537	-	790.94	847	3543.8		483.63	516.32		**103.252**	**24.37**	**93.667**
	Ext-5	10.67	418	-	43.812	788.7	3299.9				53.544			
	OUTLET	4.48	298	-	689.45	731.4	3060.17	3027.48			49.708			
	Ext-4	4.48	298	-	59.283	685.1	2866.45							
LPT	INLET	4.48	298	-	689.45	731.4	3060.17		65019	709.73		**235.044**	**55.48**	**91.61**
	Ext-3	1.792	198.3	-	22.655	685.1	2866.45				37.1			
	Ext-2	0.939	137.7	-	40.706	657.5	2750.98				21.389			
	Ext-1	0.229	-	0.968	21.001	606.3	2536.75				37.293			
	OUTLET	0.0804	-	0.931	606.41	576	2409.98	2350.44			21.329			
		TOTAL											*100*	

POWER PRODUCED BY HPT, IPT AND LPT

		200 MW 0%MU 33°C COOLING WATER TEMP												
		PRESSURE (Abs. Gauge)	*TEMP.*	QUALITY	*MASS FLOW RATE*	*ENTHALPY*		*ISENTROPIC ENTHALPY*	*ACTUAL ENTHALPY DROP*	*ISENTROPIC ENTHALPY DROP*	*POWER OUTPUT*	*NET POWER OUTPUT*	*% POWER SHARING*	*INTERNAL EFFICIENCY*
SYMBOL		*p*	*T*	*X*	*M*	*h*		*hs*	$h_{IN} - h_{OUT}$	$h_{IN} - hs$	*P*	*P*	*-*	*% η*
UNITS		*Kg/cm²*	*°C*	*-*	*T/hr*	*kCal/kg*	*kJ/Kg*	*kJ/Kg*	*kJ/Kg*	*kJ/Kg*	*MW*	*MW*	*%*	*-*
HPT	INLET	170	537	-	619.26	811.1	3393.5		355.08	591.2		**61.106**	**29.784**	**60.07**
	OUTLET	17.41	303.5	-	508.72	726.2	3038.42	2802.3			61.106			
	Ext-6	17.41	303.5	-	108.46	726.2	3038.42							
IPT	INLET	15.72	537	-	508.72	849	3552.21		463.17	493.39		**64.083**	**31.235**	**93.87**
	Ext-5	7.16	422.1	-	21.957	791.9	3313.3				35.067			
	OUTLET	3.22	310.6	-	487.76	738.3	3089.04	3058.82			30.323			
	Ext-4	3.22	310.6	--	0	738.3	3089.04							
LPT	INLET	3.22	310.6	-	487.76	738.3	3089.04		622.58	685.99		**79.974**	**38.98**	**90.7**
	Ext-3	1.288	209.05	-	15.263	691	2891.14				26.813			
	Ext-2	0.676	147.7	-	27.258	662.7	2772.73				15.540			
	Ext-1	0.162	-	0.980	10.889	609.8	2551.40				27.374			
	OUTLET	0.0743	-	0.956	435.06	589.5	2466.46	2403.05			10.247			
		TOTAL										***205.163***	***100***	

POWER PRODUCED BY HPT, IPT AND LPT

200 MW 0%MU 33°C COOLING WATER TEMP,SLIDING OPERATION

		PRESSURE (Abs. Gauge)	TEMP.	QUALITY	MASS FLOW RATE	ENTHALPY		ISENTROPIC ENTHALPY	ACTUAL ENTHALPY DROP	ISENTROPIC ENTHALPY DROP	POWER OUTPUT	NET POWER OUTPUT	% POWER SHARING	INTERNAL EFFICIENCY
SYMBOL		p	T	X	M	h		hs	$h_{IN} - h_{OUT}$	$h_{IN} - hs$	P	P	-	% η
UNITS		Kg/cm²	°C	-	T/hr	kCal/kg	kJ/Kg	kJ/Kg	kJ/Kg	kJ/Kg	MW	MW	%	-
HPT	INLET	65.26	537	-	589.31	837.5	3504.1		379.91	409.92				
	OUTLET	17.33	342	-	82.062	746.7	3124.19	3094.18			62.190			
	Ext-6	17.33	342	-	505.24	746.7	3124.19					**62.190**	**30.80**	**92.67**
IPT	INLET	15.60	537	-	505.24	849	3552.2		463.6	494.57				
	Ext-5	7.07	421.6	-	23.608	791.8	3312.89				33.588			
	OUTLET	3.18	310.4	-	482.59	738.2	3088.6	3057.63			30.004	**63.592**	**30.99**	**93.73**
	Ext-4	3.18	310.4	-	0	738.2	3088.6							
LPT	INLET	3.18	310.4	-	482.59	738.2	3088.6		622.97	685.63				
	Ext-3	1.277	209.4	-	14.349	691	2891.14				26.473			
	Ext-2	0.673	148	-	25.688	662.8	2773.15				15.346	**79.359**	**38.69**	**90.8611**
	Ext-1	0.162	-	0.980	10.437	610.0	2552.24				27.146			
	OUTLET	0.07333	-	0.956	432.63	589.3	2465.63	2402.97			10.393			
		TOTAL										*205.141*	*100*	

POWER PRODUCED BY HPT, IPT AND LPT

500 MW 3%MU 33·C COOLING WATER TEMP

		PRESSURE (Abs. Gauge)	TEMP.	QUALITY	MASS FLOW RATE	ENTHALPY		ISENTROPIC ENTHALPY	ACTUAL ENTHALPY DROP	ISENTROPIC ENTHALPY DROP	POWER OUTPUT	NET POWER OUTPUT	% POWER SHARING	INTERNAL EFFICIENCY
SYMBOL		p	T	X	M	h		hs	$h_{IN} - h_{OUT}$	$h_{IN} - hs$	P	P	-	% η
UNITS		Kg/cm²	°C	-	T/hr	kCal/kg	kJ/Kg	kJ/Kg	kJ/Kg	kJ/Kg	MW	MW	%	-
HPT	INLET	170	537	-	1511.8	811.1	3393.5		340.86	380.1		**143.206**	**28.199**	**89.67**
	OUTLET	44.90	338.7	-	175.0	729.6	3052.64	3013.4			143.206			
	Ext-6	44.90	338.7	-	1331.4	729.6	3052.64							
IPT	INLET	40.41	537	-	1331.4	843.3	3528.36		490.78	523.54		**175.491**	**34.556**	**93.741**
	Ext-5	17.36	414.5	-	88.492	784.5	3282.34				90.986			
	OUTLET	7.11	290.4	-	1104.6	726	3037.58	3004.82			84.505			
	Ext-4	7.11	290.4	-	141.16	726	3037.58							
LPT	INLET	7.11	290.4	-	1104.6	726	3037.58		666.09	732.48		**189.139**	**37.244**	**90.9**
	Ext-3	2.807	190.8	-	42.618	680.3	2846.37				58.669			
	Ext-2	1.501	132.9	-	77.696	654	2736.33				32.461			
	Ext-1	0.349	-	0.958	42.629	602	2518.76				59.486			
	OUTLET	0.1099	-	0.911	942.37	566.8	2371.49	2305.1			38.523			
		TOTAL										***507.836***	***100***	

POWER PRODUCED BY HPT, IPT AND LPT

500 MW 3%MU 35°C COOLING WATER TEMP

		PRESSURE (Abs. Gauge)	TEMP.	QUALITY	MASS FLOW RATE	ENTHALPY		ISENTROPIC ENTHALPY	ACTUAL ENTHALPY DROP	ISENTROPIC ENTHALPY DROP	POWER OUTPUT	NET POWER OUTPUT	% POWER SHARING	INTERNAL EFFICIENCY
SYMBOL		p	T	X	M	h		hs	$h_{IN} - h_{OUT}$	$h_{IN} - hs$	P	P	-	% η
UNITS		Kg/cm²	°C	-	T/hr	kCal/kg	kJ/Kg	kJ/Kg	kJ/Kg	kJ/Kg	MW	MW	%	-
HPT	INLET	170	537	-	1519.8	811.1	3393.5		341.3	378.89		**144.142**	**28.37**	**90.0**
	OUTLET	45.12	338.99	-	1338.1	729.5	3052.2	3014.61			144.142			
	Ext-6	45.12	338.99	-	176.33	729.5	3052.2							
IPT	INLET	40.61	537	-	1338.1	843.3	3528.36		491.62	389.32		**176.660**	**34.773**	**93.787**
	Ext-5	17.44	414.5	-	89.073	784.5	3282.34				91.446			
	OUTLET	7.13	290.2	-	1108.5	725.8	3036.74	3004.18			85.412			
	Ext-4	7.13	290.2	-	143.39	725.8	3036.74							
LPT	INLET	7.13	290.2	-	1108.5	725.8	3036.74		655.64	720.75		**187.233**	**36.85**	**90.96**
	Ext-3	2.817	190.6	--	42.59	680.2	2845.95				58.75			
	Ext-2	1.51	132.9	-	77.119	654.0	2736.3				32.46			
	Ext-1	0.355	-	0.953	40.366	602.2	2519.6				59.534			
	OUTLET	0.114	-	0.914	949.19	569.1	2381.1	2315.99			36.489			
		TOTAL											*100*	

		POWER PRODUCED BY HPT, IPT AND LPT
		VWQ 3%MU 33°C COOLING WATER TEMP

		PRESSURE (Abs. Gauge)	TEMP.	QUALITY	MASS FLOW RATE	ENTHALPY		ISENTROPIC ENTHALPY	ACTUAL ENTHALPY DROP	ISENTROPIC ENTHALPY DROP	POWER OUTPUT	NET POWER OUTPUT	% POWER SHARING	INTERNAL EFFICIENCY
SYMBOL		p	T	X	M	h		hs	$h_{IN} - h_{OUT}$	$h_{IN} - hs$	P	P	-	% η
UNITS		Kg/cm²	°C	-	T/hr	kCal/kg	kJ/Kg	kJ/Kg	kJ/Kg	kJ/Kg	MW	MW	%	-
HPT	INLET	170	537	-	1587.4	811.1	3393.5		341.3	368.58		**166.713**	**30.455**	**92.59**
	OUTLET	47.03	340.6	-	1395.3	729.5	3052.2	3024.92			166.713			
	Ext-6	47.03	340.6	-	186.49	729.5	3052.2							
IPT	INLET	42.32	537	-	1395.3	842.9	3526.6		491.11	523.83		**184.023**	**33.617**	**94.05**
	Ext-5	18.16	414.8	-	93.428	784.1	3280.67	3002.77			95.355			
	OUTLET	7.42	289.9	-	1155	725.5	3035.49				88.668			
	Ext-4	7.42	289.9	-	149.89	725.5	3035.49							
LPT	INLET	7.42	289.9	-	1155.0	725.5	3035.49		666.51	737.76		**196.66**	**35.926**	**90.34**
	Ext-3	2.930	190.3	-	45.096	679.9	2844.70				61.212			
	Ext-2	1.568	132.5	-	82.187	653.7	2735.08				33.797			
	Ext-1	0.364	-	0.951	45.149	601.7	2517.5				62.111			
	OUTLET	0.105	-	0.910	983.45	566.2	2368.98	2297.73			40.540			
		TOTAL										***547.396***	***100***	

		POWER PRODUCED BY HPT, IPT AND LPT		
		VWQ 0%MU 33°C COOLING WATER TEMP		

		PRESSURE (Abs. Gauge)	TEMP.	QUALITY	MASS FLOW RATE	ENTHALPY		ISENTROPIC ENTHALPY	ACTUAL ENTHALPY DROP	ISENTROPIC ENTHALPY DROP	POWER OUTPUT	NET POWER OUTPUT	% POWER SHARING	INTERNAL EFFICIENCY
SYMBOL		p	T	X	M	h		hs	$h_{IN} - h_{OUT}$	$h_{IN} - hs$	P	P	-	% η
UNITS		Kg/cm²	°C	-	T/hr	kCal/kg	kJ/Kg	kJ/Kg	kJ/Kg	kJ/Kg	MW	MW	%	-
HPT	INLET	170	537	-	1587.4	811.1	3393.5		339.18	366.04		**149.628**	**27.874**	**92.66**
	OUTLET	47.51	341.9	-	1408.9	730	3054.32	3027.46			149.628			
	Ext-6	47.51	341.9	-	172.8	730	3054.32							
IPT	INLET	42.76	537	-	1408.9	842.8	3526.27		489.53	522.01		**185.372**	**34.532**	**93.77**
	Ext-5	18.43	14.6	-	91.62	784.2	3281.09				95.959			
	OUTLET	7.55	290.7	-	1173.9	725.8	3036.74	3004.26			89.413			
	Ext-4	7.55	290.7	-	146.38	725.8	3036.74							
LPT	INLET	7.55	290.7	-	1173.9	725.8	3036.78		667.8	738.35		**201.8**	**37.593**	**90.44**
	Ext-3	2.987	191.1	-	44.01	680.2	2845.12				62.217			
	Ext-2	1.605	133.5	-	80.84	654.1	2736.33				34.276			
	Ext-1	0.372	-	0.951	44.953	602	2518.76				63.526			
	OUTLET	0.107	-	0.910	1004.8	566.2	2368.98	2298.43			41.781			
		TOTAL										***536.8***	***100***	

		POWER PRODUCED BY HPT, IPT AND LPT
		500 MW 3%MU 33°C COOLING WATER TEMP,BOTH HP HEATERS OUT OF SERVICE

		PRESSURE (Abs. Gauge)	TEMP.	QUALITY	MASS FLOW RATE	ENTHALPY		ISENTROPIC ENTHALPY	ACTUAL ENTHALPY DROP	ISENTROPIC ENTHALPY DROP	POWER OUTPUT	NET POWER OUTPUT	% POWER SHARING	INTERNAL EFFICIENCY
SYMBOL		p	T	X	M	h		hs	$h_{IN} - h_{OUT}$	$h_{IN} - hs$	P	P	-	% η
UNITS		Kg/cm²	°C	-	T/hr	kCal/kg	kJ/Kg	kJ/Kg	kJ/Kg	kJ/Kg	MW	MW	%	-
HPT	INLET	170	537	-	1366.7	811.1	3393.5		312.41	372.75		**118.650**	**23.36**	**83.81**
	OUTLET	46.25	651	-	1351.2	736.4	3081.09	3020.75			118.659			
	Ext-6	46.25	351	-	10	736.4	3081.09							
IPT	INLET	41.72	537	-	1351.2	843	3527.11		475.61	507		**178.405**	**35.12**	**93.8**
	Ext-5	19.56	422.9	-	0	788.1	3297.41				86.218			
	OUTLET	7.84	298.1	-	1211.0	729.4	3051.80	3020.41			92.186			
	Ext-4	7.84	298.1	--	142.95	729.4	3051.80							
LPT	INLET	7.84	298.1	-	1211.0	729.4	3051.80		677.88	748.32		**210.850**	**41.513**	**90.455**
	Ext-3	3.10	197.3	-	47.106	683.1	2858.09				65.617			
	Ext-2	1.648	138.3	-	85.122	656.4	2746.37				36.118			
	Ext-1	0.382	-	0.954	47.487	603.8	2526.29				65.951			
	OUTLET	0.108	-	0.912	1032.0	567.4	2374.00	2303.48			43.614			
		TOTAL										***507.905***	***100***	

POWER PRODUCED BY HPT, IPT AND LPT

500 MW 0%MU 33°C COOLING WATER TEMP,BOTH HP HEATERS OUT OF SERVICE

		PRESSURE (Abs. Gauge)	TEMP.	QUALITY	MASS FLOW RATE	ENTHALPY		ISENTROPIC ENTHALPY	ACTUAL ENTHALPY DROP	ISENTROPIC ENTHALPY DROP	POWER OUTPUT	NET POWER OUTPUT	% POWER SHARING	INTERNAL EFFICIENCY
SYMBOL		p	T	X	M	h		hs	$h_{IN} - h_{OUT}$	$h_{IN} - hs$	P	P	-	% η
UNITS		Kg/cm²	°C	-	T/hr	kCal/kg	kJ/Kg	kJ/Kg	kJ/Kg	kJ/Kg	MW	MW	%	-
HPT	INLET	170	537	-	1358.1	811.1	3393.5		310.73	372.48		**128.689**	**25.37**	**83.42**
	OUTLET	46.30	351.7	-	1352.6	736.8	3082.77	3021.02			128.689			
	Ext-6	46.30	351.7	-	351.7	736.8	3082.77							
IPT	INLET	41.77	537	--	1352.6	843	3527.11		474.47	505.78		**165.419**	**32.61**	**93.8**
	Ext-5	19.5*	423	-	0	788.2	3297.82				86.152			
	OUTLET	7.88	298.6	-	1216.4	729.6	3052.64	3021.33			79.267			
	Ext-4	7.88	298.6	-	138.97	729.6	3052.64							
LPT	INLET	7.88	298.6	-	1216.4	729.6	3052.64		678.64	749.12		**212.419**	**41.887**	**90.53**
	Ext-3	3.12	197.8	-	45.66	683.4	2859.34				65.316			
	Ext-2	1.66	138.9	-	83.07	656.7	2747.63				36.330			
	Ext-1	0.387	-	0.954	46.77	604.1	2527.55				66.494			
	OUTLET	0.109	-	0.912	1041.6	567.5	2374.00	2303.52			44.278			
		TOTAL											*100*	

POWER PRODUCED BY HPT, IPT AND LPT

500 MW 3%MU 33°C COOLING WATER TEMP,1 STRING HP HEATERS OUT OF SERVICE

		PRESSURE (Abs. Gauge)	TEMP.	QUALITY	MASS FLOW RATE	ENTHALPY		ISENTROPIC ENTHALPY	ACTUAL ENTHALPY DROP	ISENTROPIC ENTHALPY DROP	POWER OUTPUT	NET POWER OUTPUT	% POWER SHARING	INTERNAL EFFICIENCY
SYMBOL		p	T	X	M	h		hs	$h_{IN} - h_{OUT}$	$h_{IN} - hs$	P	P	-	% η
UNITS		Kg/cm²	°C	-	T/hr	kCal/kg	kJ/Kg	kJ/Kg	kJ/Kg	kJ/Kg	MW	MW	%	-
HPT	INLET	170	537	-	1441.4	811.1	3393.5		326.63	375.67		**130.837**	**25.756**	**86.9**
	OUTLET	45.71	345	-	1347.5	733	3066.87	3017.83			130.837			
	Ext-6	45.70	345	-	88.87	733	3066.87							
IPT	INLET	41.18	537	---	1374.0	843.2	3527.94		484.08	516.36		**177.597**	**34.96**	**93.52**
	Ext-5	18.49	418.2	-	52.23	786	3288.62				89.553			
	OUTLET	7.46	293.8	-	1156.1	727.5	3043.86	3011.58			88.044			
	Ext-4	7.46	293.8	-	141.49	727.5	3043.86							
LPT	INLET	7.46	293.8	-	1156.1	727.5	3043.86		671.54	742.47		**199.536**	**39.28**	**90.44**
	Ext-3	2.947	193.6	-	44.729	681.5	2851.39				61.812			
	Ext-2	1.572	135.3	-	81.242	655	2740.52				34.231			
	Ext-1	0.365	-	0.953	44.974	602.8	2522.11				62.500			
	OUTLET	0.105	-	0.911	985.94	567	2372.32	2301.39			40.993			
		TOTAL										***507.97***	***100***	

POWER PRODUCED BY HPT, IPT AND LPT

500 MW 0%MU 33°C COOLING WATER TEMP,1 STRING HP HEATERS OUT OF SERVICE

		PRESSURE (Abs. Gauge)	TEMP.	QUALITY	MASS FLOW RATE	ENTHALPY		ISENTROPIC ENTHALPY	ACTUAL ENTHALPY DROP	ISENTROPIC ENTHALPY DROP	POWER OUTPUT	NET POWER OUTPUT	% POWER SHARING	INTERNAL EFFICIENCY
SYMBOL		p	T	X	M	h		hs	$h_{IN} - h_{OUT}$	$h_{IN} - hs$	P	P	-	% η
UNITS		Kg/cm²	°C	-	T/hr	kCal/kg	kJ/Kg	kJ/Kg	kJ/Kg	kJ/Kg	MW	MW	%	-
HPT	INLET	170	537	-	1428.7	811.1	3393.5		324.12	375.18		**128.69**	**25.34**	**86.39**
	OUTLET	45.8	346	-	1348.7	733.6	3069.38	3018.32			128.69			
	Ext-6	45.84	346	-	74.48	733.6	3069.38							
IPT	INLET	41.26	537	-	1348.7	843.1	3527.53		483.67	514.53		**177.384**	**34.92**	**93.75**
	Ext-5	18.59	418.5	-	49.504	786.2	3289.45				89.196			
	OUTLET	7.52	294.5	-	1164.8	727.5	3043.86	3013			88.188			
	Ext-4	7.52	294.5	-	137.26	727.8	3043.86							
LPT	INLET	7.52	294.5	-	1164.8	727.8	3043.86		671.12	740.42		**201.771**	**39.73**	**90.655**
	Ext-3	2.978	194.4	-	43.348	681.9	2853.06				62.139			
	Ext-2	1.595	136.2	-	79.297	655.4	2742.19				34.540			
	Ext-1	0.371	-	0.954	44.34	603.2	2523.78				63.227			
	OUTLET	0.106	-	0.911	998.55	567.1	2372.74	2303.44			41.865			
		TOTAL										***507.845***	***100***	
