Steam driven HP pump stimulation Interface



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compare

		T0C: 32.0		Į.	TOK	: 305.0	Name : Operating			
DESCRIPTION	M(Kg)	P(bar)	Pkpa	T(°C)	T(k)	H(kJ/Kg)	S(kJ/KgK)	e(kJ/Kg)	E(kJ/(MJ/s))	EX(kJ/(MJ/s))
BFW entering HP pump		SALE.	A STATE OF THE STA	None	None	632.25	neconomics of	65.8955	42.993	4.4809
BFW leaving HP pump	68.0	5.8	580.0	None	None	691.07	1.984	85.95	46.9928	5.84
SH entering HP pump	24.0	48.0	4800.0	409.0	682.0	3221.846	6.6963	1179.4745	77.3243	28.3074
SM leaving HP pump	24.0	16.5	1650.0	274.0	547.0	2973.634	6.7606	911.651	71.3672	21.8796

Main Output								
ENERGY EFFICIENCY OF HP PUMP(%)	67.1434							
ENERGY LOSS OF HP PUMP(MW)	1.9573							
EXERGY EFFICIENCY OF HP PUMP(%)	21.1441							
EXERGY DESTRUCTION OF HP PUMP(MW)	5.0687							

find out for another

Steam driven HP pump stimulation Interface: comparing to Operating



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Operating VS Operating

Operating

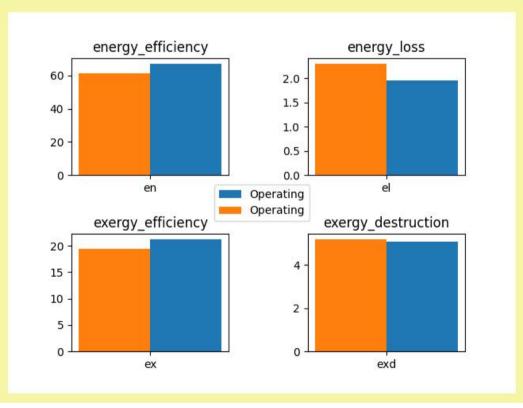
Op	erating
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T0	C: 32.0		T0K: 305.0			Name : Operating					
Description	M(Kg)	P(bar)	Pkpa	T(°C)	T(k)	H(kJ/Kg)	S(kJ/KgK)	e(kJ/Kg)	E(kJ/(MJ/s))	EX(kJ/(MJ/s))	
pump	68.0	2.4	240.0	None	None	632.25	1.8569	65.8955	42.993	4.4809	
BFW leaving HP pump	68.0	5.8	580.0	None	None	691.07	1.984	85.95	46.9928	5.84	
SH entering HP pump	24.0	48.0	4800.0	409.0	682.0	3221.846	6.6963	1179.4745	77.3243	28.3074	
SM leaving HP pump	24.0	16.5	1650.0	274.0	547.0	2973.634	6.7606	911.651	71.3672	21.8796	

T0	C: 32.0		T	OK:305	5.0	Name : Operating					
Description	M(Kg)	P(bar)	Pkpa	T(°C)	T(k)	H(kJ/Kg)	S(kJ/KgK)	e(kJ/Kg)	E(kJ/(MJ/s))	EX(kJ/(MJ/s))	
pump	66.0	2.4	240.0	None	None	632.25	1.8569	65.8955	41.7285	4.3491	
BFW leaving HP pump	66.0	5.6	560.0	None	None	687.61	1.9765	84.7775	45.3823	5.6	
SH entering HP pump	24.0	48.0	4800.0	409.0	682.0	3221.846	6.6963	1179.4745	77.3243	28.3074	
SM leaving HP pump	24.0	16.5	1650.0	274.0	547.0	2973.634	6.7606	911.651	71.3672	21.8796	

Comparison between final outputs:

DESCRIPTION	Operating	Operating	Difference	Percentage error(%)
ENERGY EFFICIENCY(%)	67.1434	61.3352	5.8082	9.47
ENERGY LOSS OF HP PUMP(MW)	1.9573	2.3033	0.346	15.02
EXERGY EFFICIENCY OF HP PUMP(%)	21.1441	19.4608	1,6833	8.65
EXERGY DESTRUCTION OF HP PUMP(MW)	5.0687	5.1769	0.1082	2.09



Operating VS Operating

Operating

Operating

T0C: 32.0			TOK: 305.0			Name : Operating				
Description	M(Kg)	P(har)	Pkps	T(°C)	T(k)	H(k)/Kg)	S(k)/KgK)	o(k[/Kg)	E(kJ/(MJ/s))	EX(kJ(MJ/cj)
BFW ensering BP pump	68.0	2.4	240.0	None	None	632.25	1.8569	43.8935	42,993	4.4900
BFW leaving HP pump	68.0	5.6	580.0	None	None	691.07	1.954	83.95	46.9928	5.84
SH emering HP pump	24.0	48.0	4800,D	909.D	682.0	3221.690	0.0963	1179.4745	77.3243	28.3074
SM leaving MP pump	24.0	16.5	1050.0	274.0	547.0	2973.634	6.7606	911.651	71.3672	21.8796

T0C: 32.0			T0K: 505.0			Name : Operating				
Description	M(Kg)	P(har)	Pkps	Tr'C)	T(k)	19(kg/Kg)	S(M/KgK)	o(k)(Kg)	E(k)(M(n))	EX(R)(M[n))
BFW entering HP pump	04.0	2.4	240.0	None	Num	632.25	1.H569	H3.8955	61.7283	4.5091
BPW leaving HP pump	66.0	5.6	360.0	None	None	687.61	1.9765	84.7775	45.3823	5,6
SH entering HP pump	24.0	48.0	4800.0	909.0	662.0	3221.846	6.6963	1179.4745	77.3243	28.3074
SM leaving HP pump	24.0	16.3	1650.0	274.0	547.0	2973.634	6.7606	911.651	71.3672	21,8796

Comparison between final outputs:

DESCRIPTION	Operating	Operating	Difference	Percentage scrur(%)
ENERGY EFFICIENCY(%)	67.1434	61.3352	5.8062	9.47
ENERGY LOSS OF HP PUMP(MW)	1.9573	2.3033	0.346	15.02
EXERGY EFFICIENCY OF HIP PUMP(%)	21.1641	16.4606	1.6833	R.63
EXERCY DESTRUCTION OF HP PUMP(MW)	5.0687	5.1769	0.1062	2.09

