

Stream	m', kg/s	P, Mpa	T, °C	State	H, kJ/kg	S, kJ/(kgK)	q	$\Delta Q/W_s$, kJ/kg	$\underline{\Delta Q/W_s}$, GW
1	10,000	15.5	344	SL	1,630	3.7	0	420	4.2
2	10,000	15.0	275	L	1,210	3.0	0	-420	-4.2
3'	10,000	15.5	276	L	1,213	3.0	0	3	0.03
3	10,000	15.5	276	L	1,214	3.0	0	4	0.04
4	2,060	11.6	322	SV	2690	5.52	1	-2040	-4.20
5'	2,060	0.5	152	V/L	2200	5.52	0.738	490	1.01
5	2,060	0.5	152	V/L	2300	5.76	0.787	392	0.808
6	2,060	0.5	152	SL	640	1.86	0	1660	3.42
7'	2,060	11.6	153	L	652	1.86	0	-12.1	-0.0249
7	2,060	11.6	279	L	654	3.04	0	-14.2	-0.0293
8	66,700	0.1	25	L	-	-	0	62.9	4.20
9	66,700	0.1	40	L	-	-	0	-	-
Net Efficiency =	0.176	Carnot Efficiency =	0.517						