	Reformer	**1st Shift Reactor**		**2nd Shift Reactor**	
	Isothermal	Isothermal	Adiabatic	Isothermal	Adiabatic
Inlet Temperature °C	800°C	400°C	400°C	250°C	250°C
Exit Temperature °C	800°C	400°C	467.3°C	250°C	295.7°C
Exit Composition					
mole-% CO_2	5.7	13.21	11.6	15.99	15.37
mole-% H_2O	27.63	20.12	21.74	17.35	17.96
mole-% CO	10.96	3.45	5.07	0.68	1.3
mole-% H_2	55.7	63.21	61.6	65.99	65.37
Heat Addition for Isothermal Reaction (MJ per kg reactants)	3.06	-0.2469	NA	-0.0945	NA
Methane Burned to Heat Reformer (%)	21.09	NA	NA	NA	NA
Efficiency: LHV° H_2 per LHV° CH_4 used (%)	NA	NA	NA	94.14	93.26