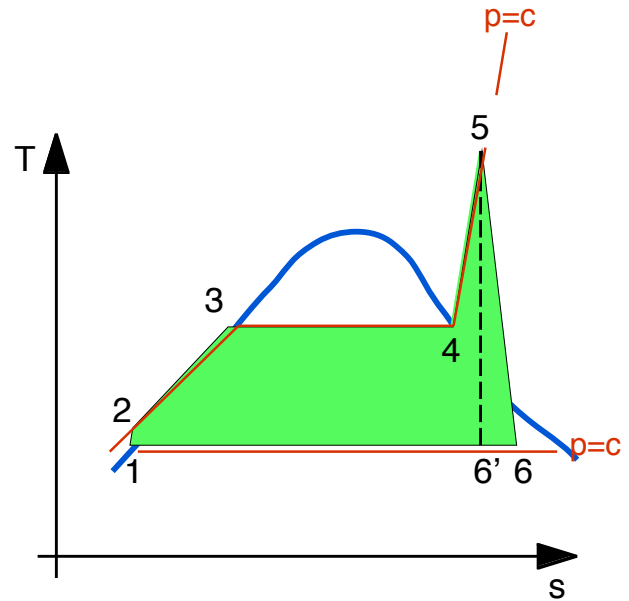
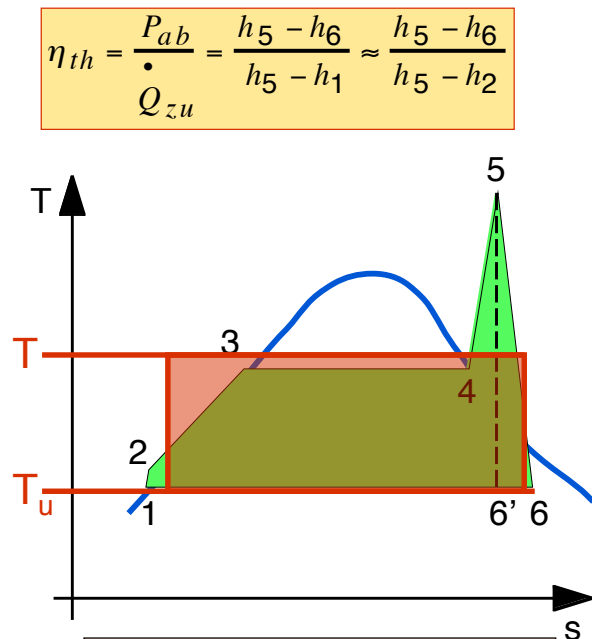




Wirkungsgrad Clausius-Rankine-Prozess



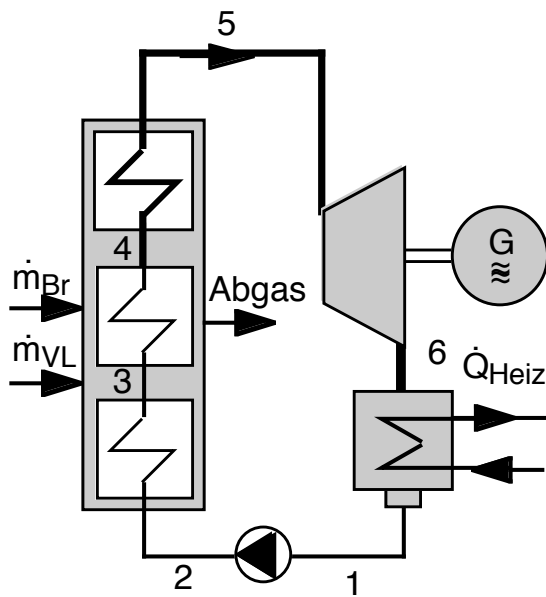
$$\eta_{th} = \frac{P_{ab}}{\dot{Q}_{zu}} = \frac{h_5 - h_6}{h_5 - h_1} \approx \frac{h_5 - h_6}{h_5 - h_2}$$

$$\eta_c = \frac{T - T_u}{T} = 1 - \frac{T_u}{T}$$

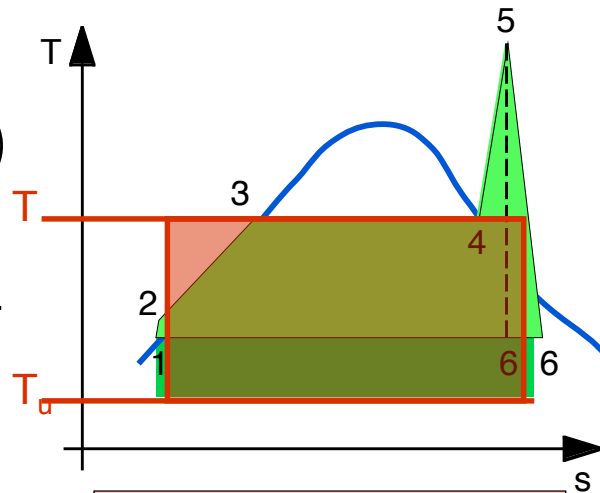
Verenum



Wirkungsgrad Clausius-Rankine-Prozess



$$\eta_{th} = \frac{P_{ab}}{\dot{Q}_{zu}} = \frac{h_5 - h_6}{h_5 - h_1} \approx \frac{h_5 - h_6}{h_5 - h_2}$$

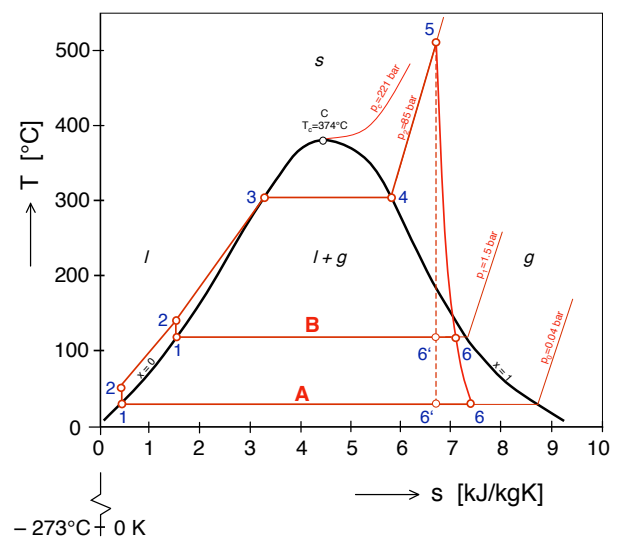
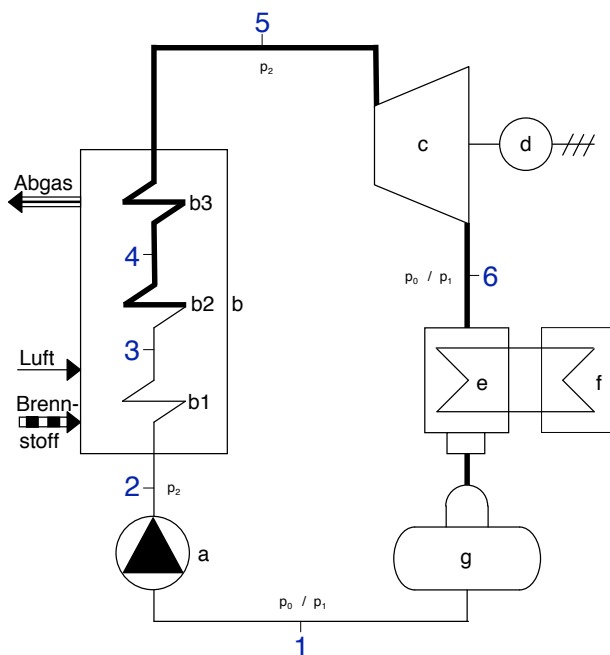


$$\eta_c = \frac{T - T_u}{T} = 1 - \frac{T_u}{T}$$



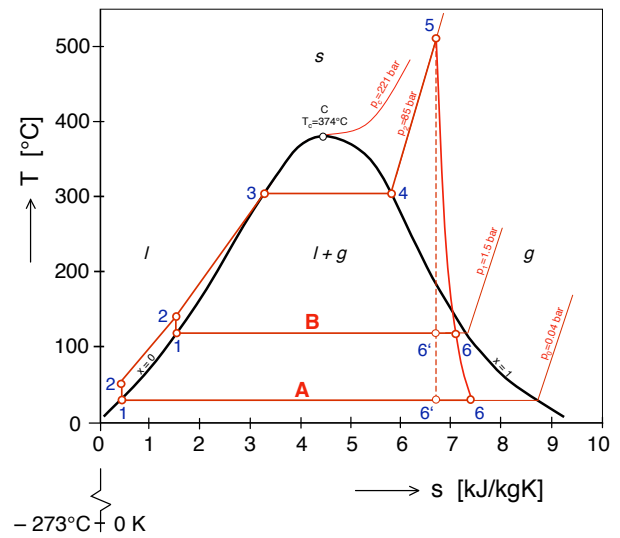
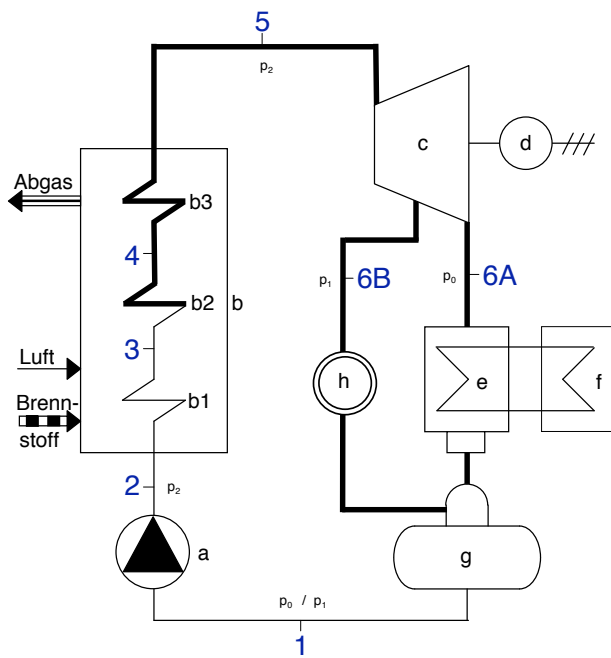
Verenum

(Clausius-)Rankine-Prozess mit Überhitzung



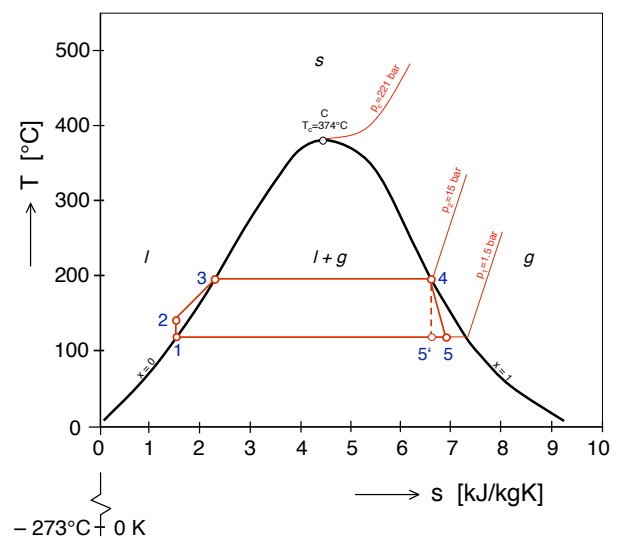
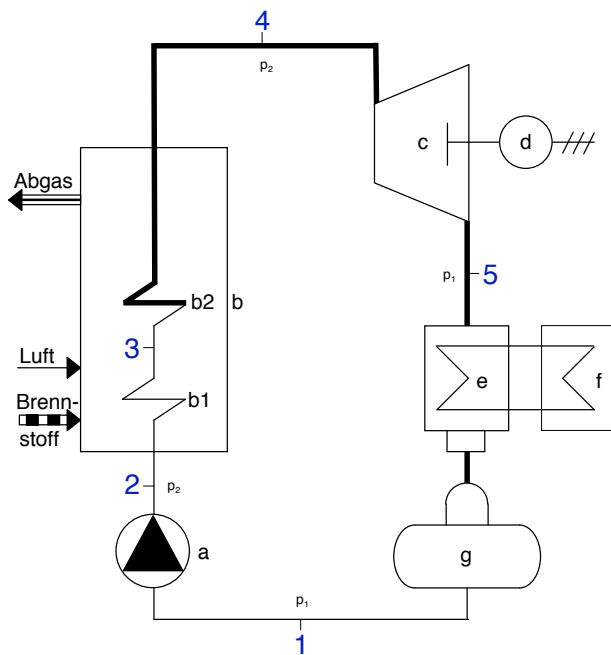
Verenum

Rankine-Prozess mit Entnahmeturbine



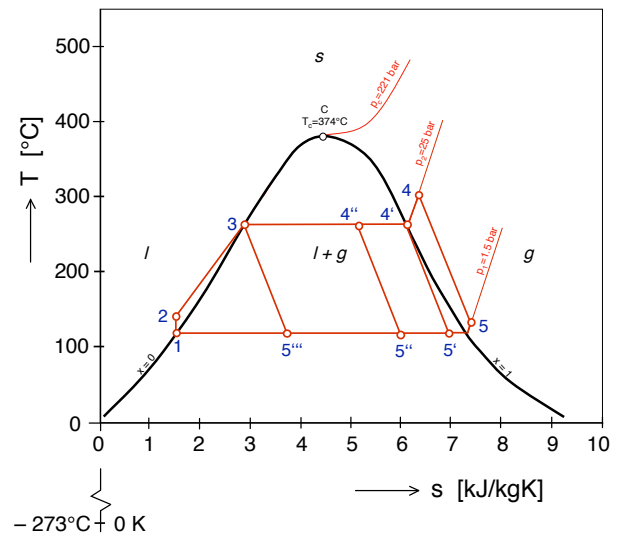
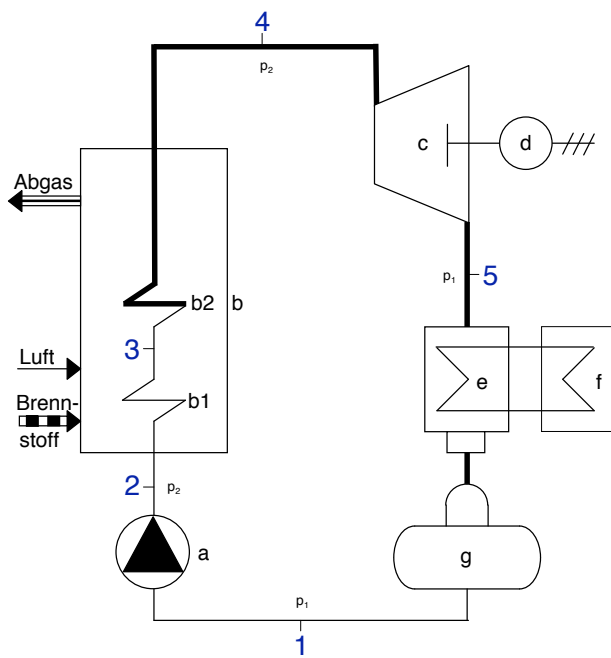
Verenum

(Clausius-)Rankine-Prozess mit Sattdampf



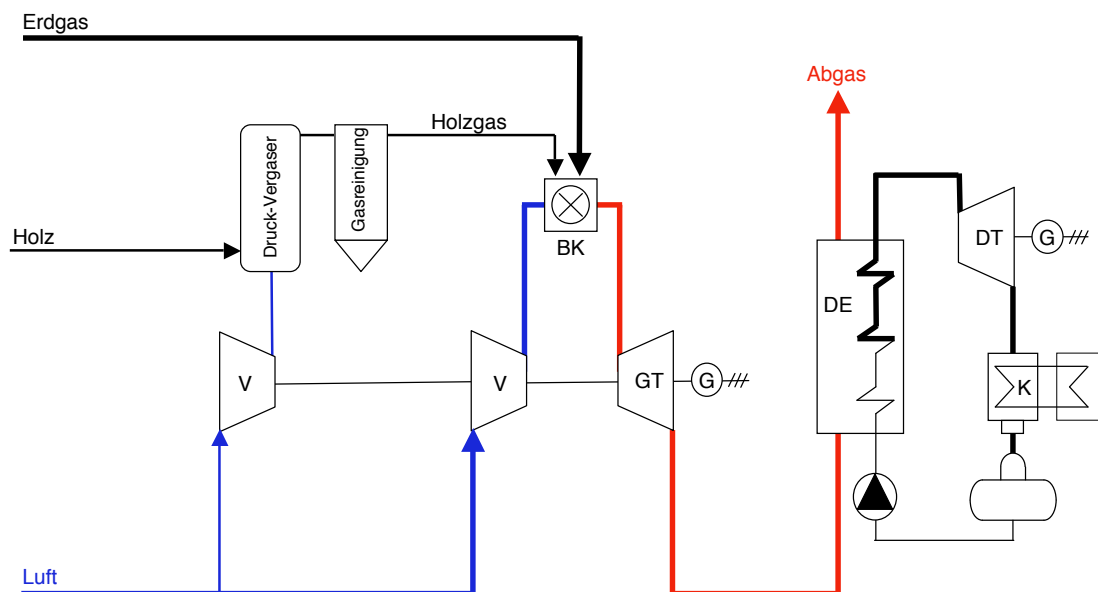
Verenum

(Clausius-)Rankine-Prozesse mit DSM



Verenum

Holzgas-Kombikraftwerk



V = Verdichter
GT = Gasturbine
G = Generator
DE = Dampferzeuger
DT = Dampfturbine
K = Kondensator



Verenum