

- Prepare P-S flash in the same way as you prepared P-H flash (this means that you must write FS(T) in the same way as FH(T).
- First assume the compressor is isentropic, $S_2' = S_1$, perform P-S flash, calculate T_2' .
- Calculate FH(T_2') use efficiency, e, calculate, $H_2(T_2) = H_1 + FH(T_2') / e$
- Then $H_2(T_2) - H_1$ is the compressor duty.
- Use P-H flash, and $H_2(T_2)$, calculate T_2 .
- Compare the temperature, duty in the last excel sheet with HYSYS.
- Upload MAIN, RACHFORDRICE, PTFLASH, FH, PHFLASH, FS, PSFLASH, HYSYS project file and the final EXCEL file in the LMS.