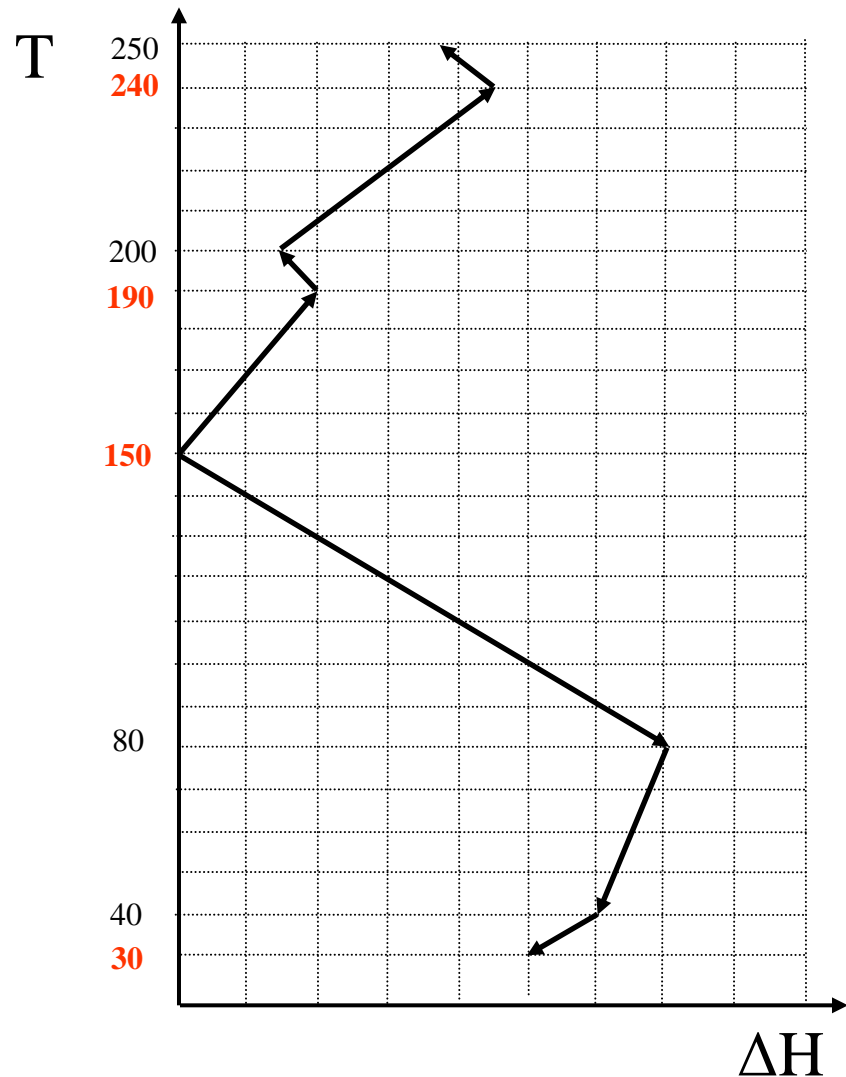
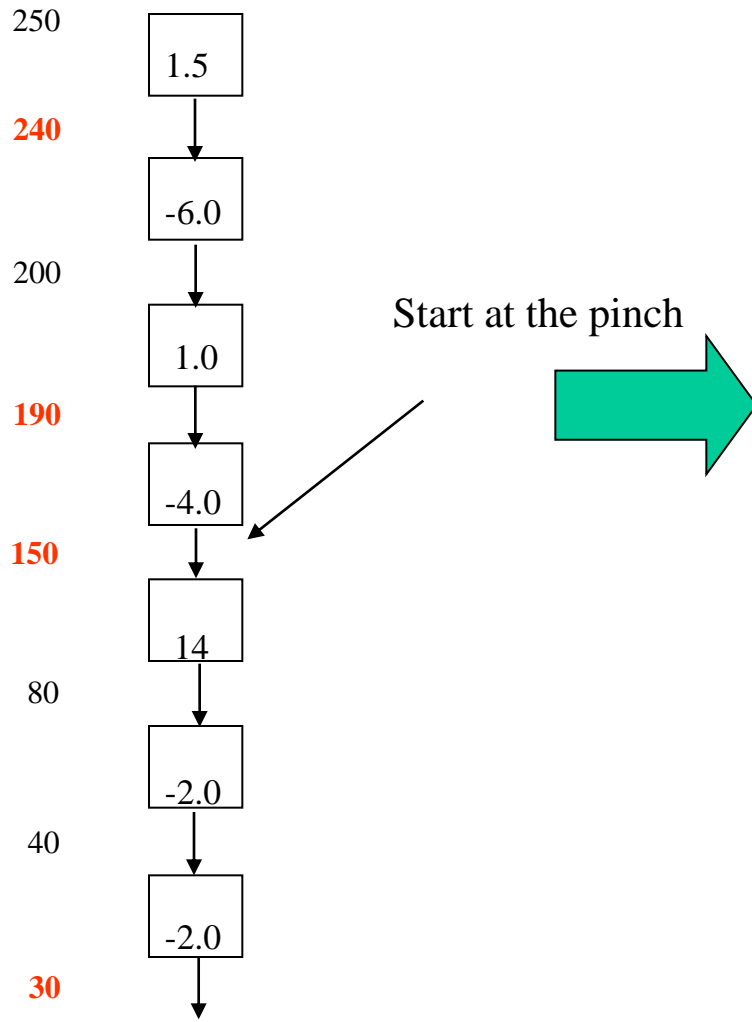


PART 2

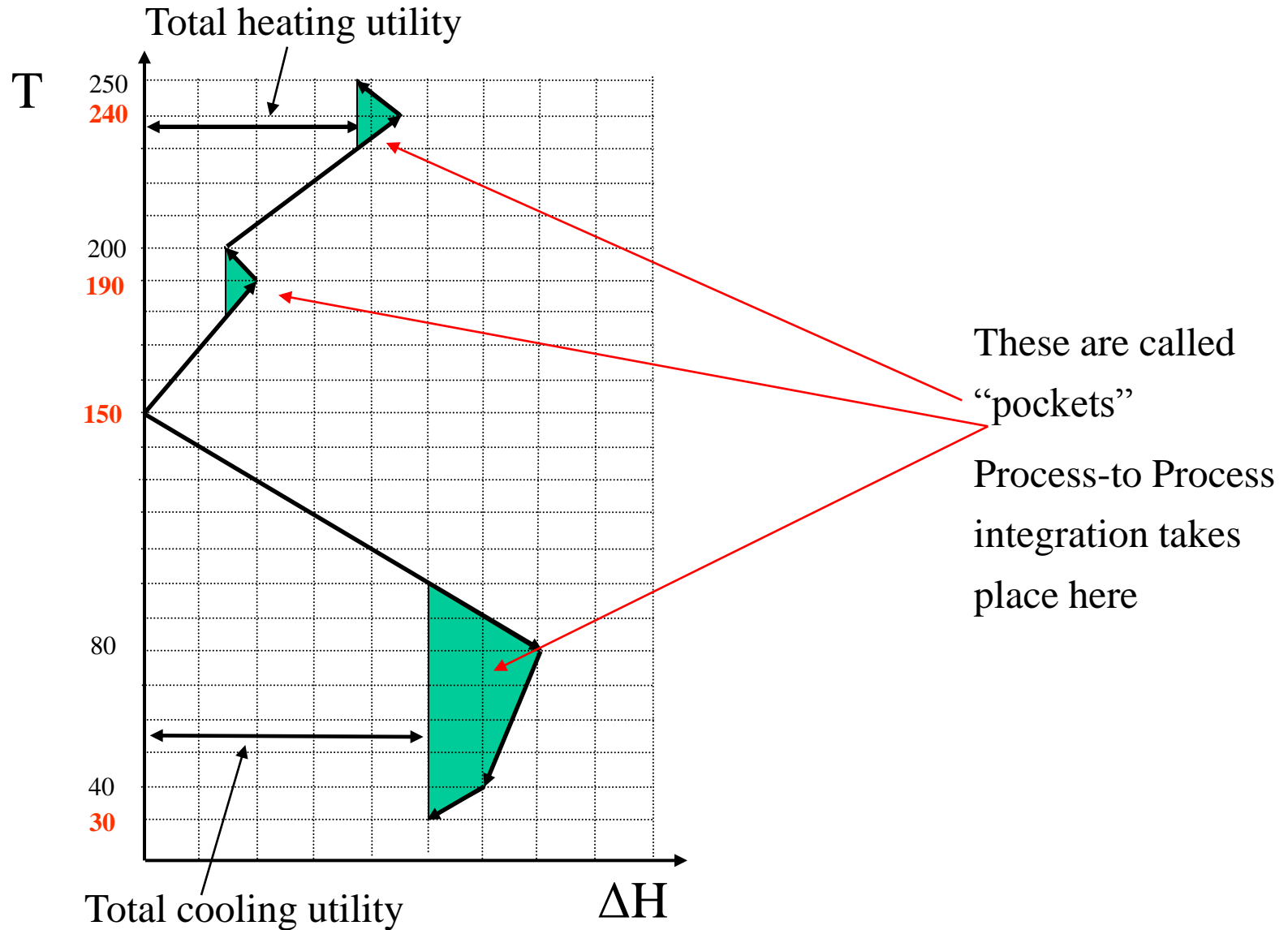
UTILITY PLACEMENT AND INTEGRATION WITH POWER

UTILITY PLACEMENT

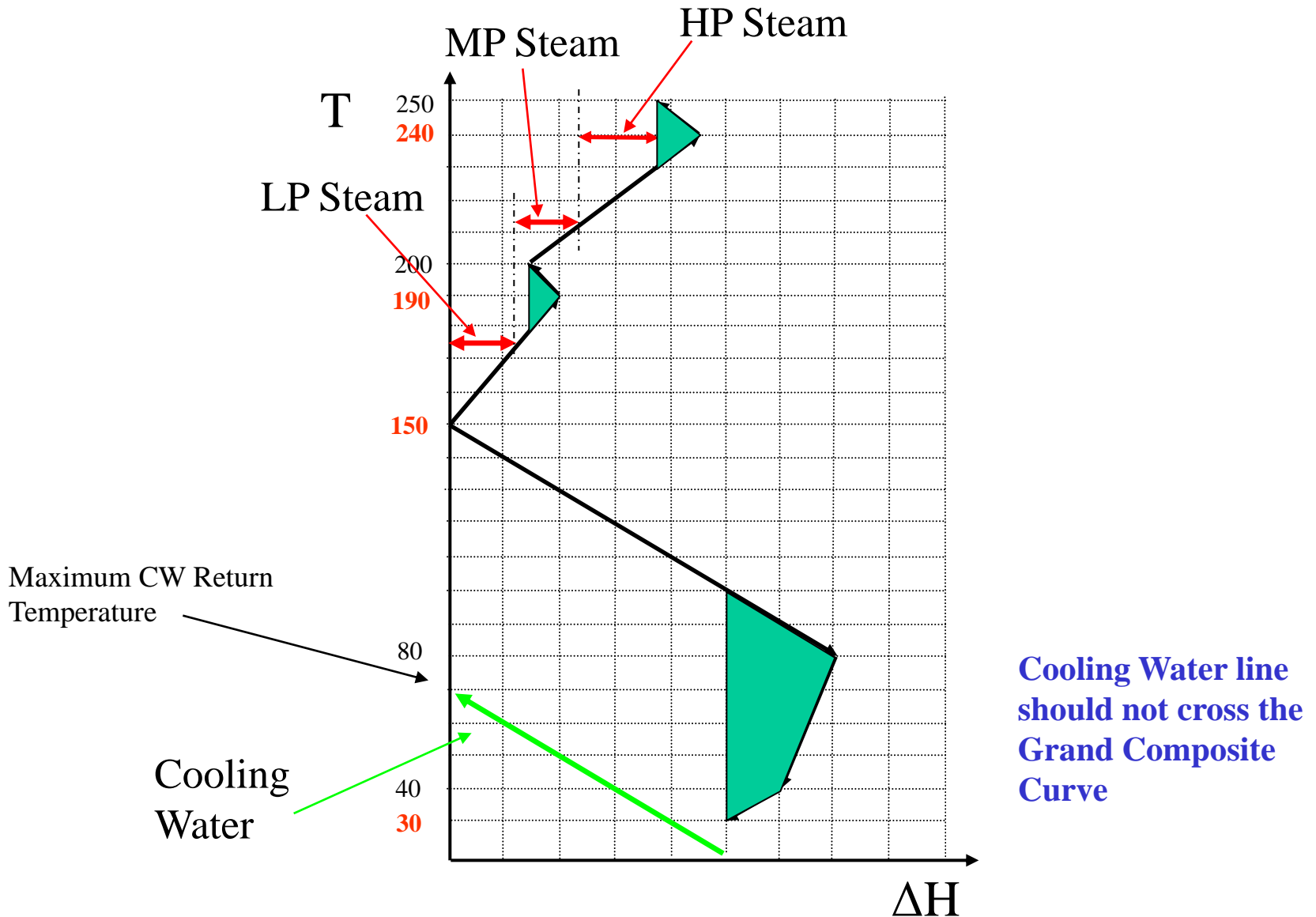
We now introduce the GRAND COMPOSITE CURVE, which will be useful to analyze the placement of utilities.



GRAND COMPOSITE CURVE



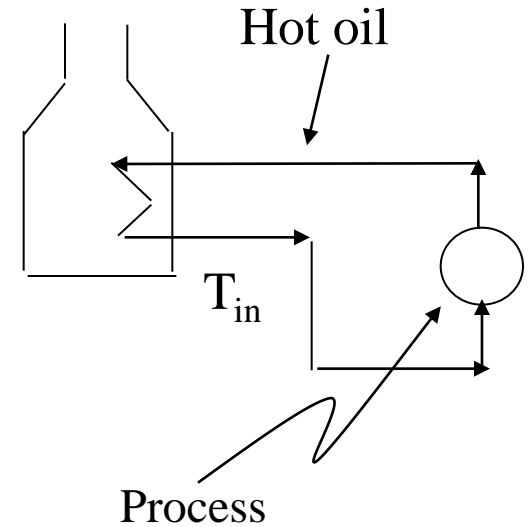
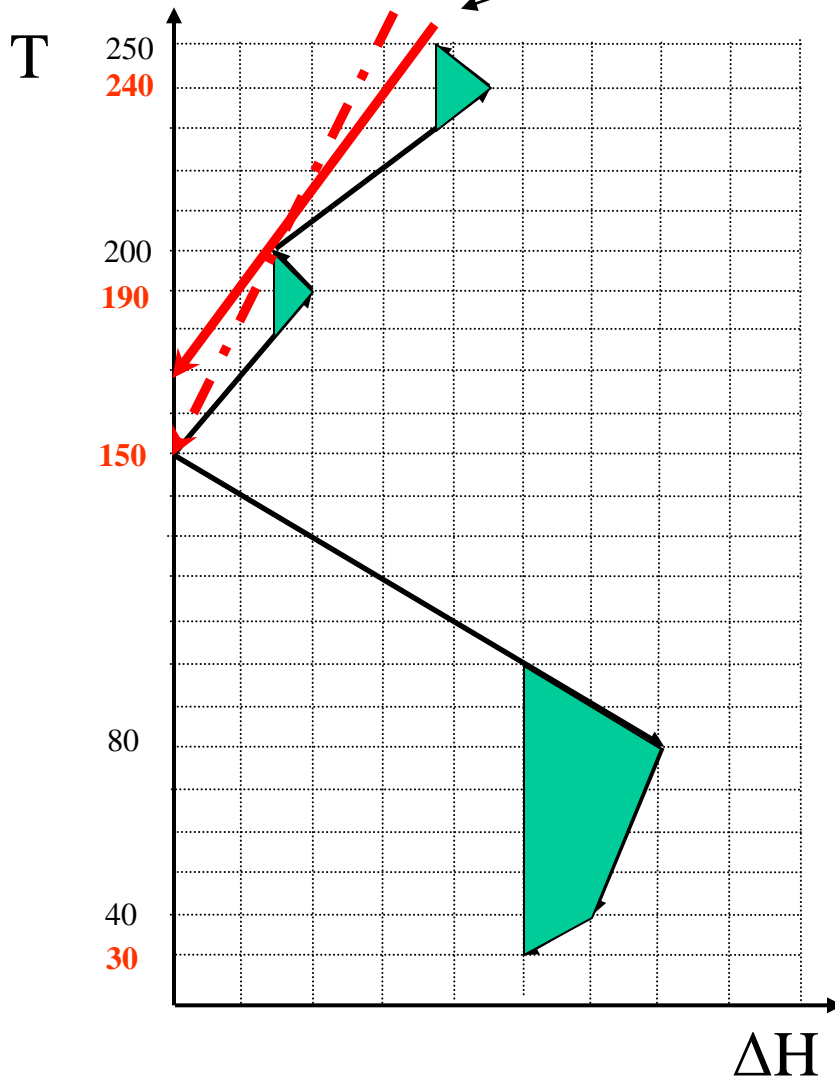
UTILITY PLACEMENT



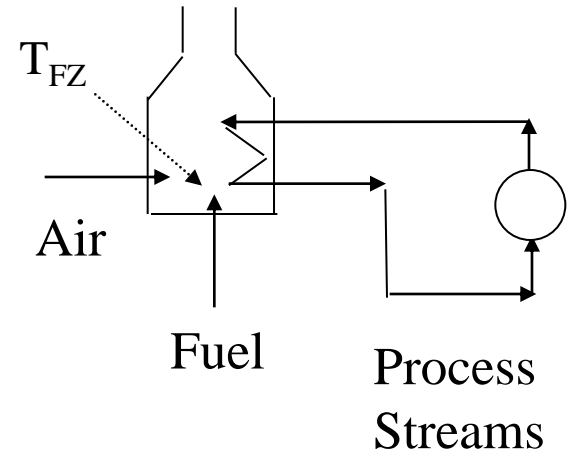
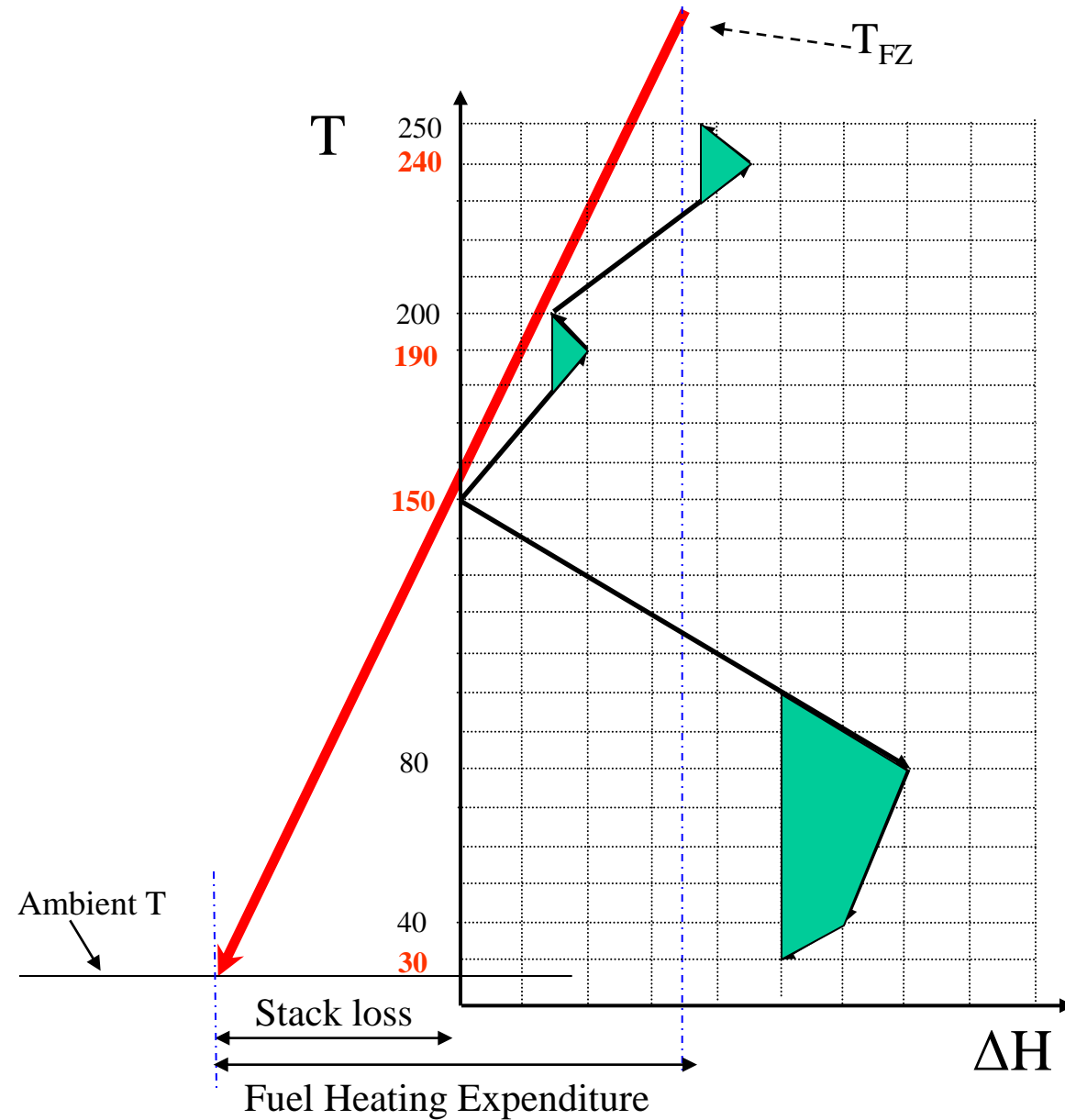
HOT OIL PLACEMENT

Larger T_{in}
Lower flowrate

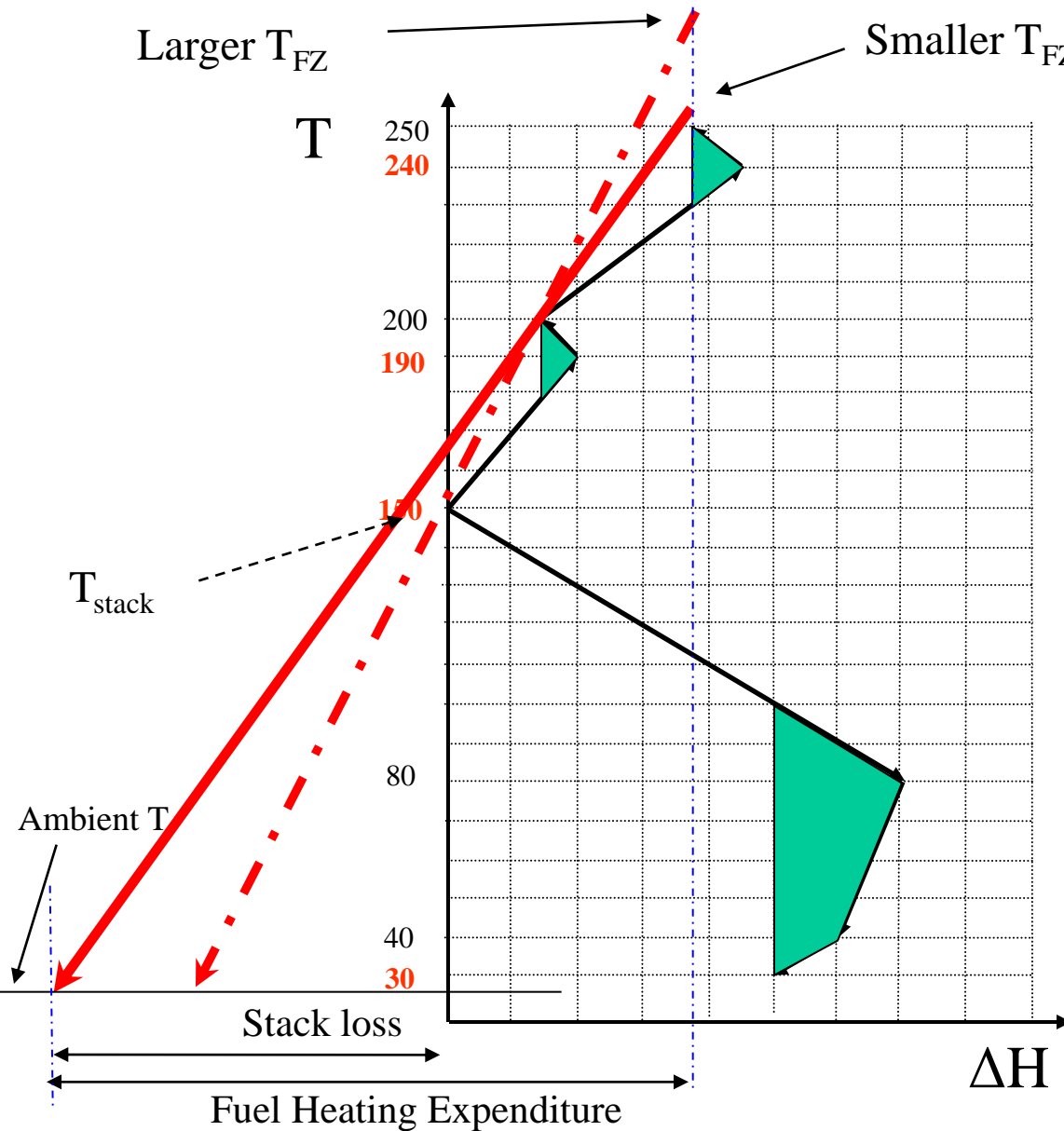
Smaller T_{in}
Larger flowrate



FURNACE PLACEMENT



FURNACE PLACEMENT



Smaller T_{FZ} increases
Fuel Heating
Expenditure!!!!!!!

