

Renewable Energy Sien ro and Technology Explain the first --The first law of Thermodynamics states that energy can be converted from ome form to another with the interest or of heat, work & interest energy, but it cannot be weath nor destroyed, under any creumstances.

AU = 9 + w - work don p I had exchanged blu a system it its Total change in surrounding the internal enguyy. No, it does not indicate continous depletion of Explain the meaning of global energy crisis is any great price rise in the Global energy supply of energy resources to at economy It often refres to one of the energy sources used sit a lectoin time & place, causes included diverconsumption, overpopulation, poor infrastructure, unexplained ovene walle energy oftions, delay in commis sionary of your plants, wastage of energy poor discription system, major suidents & notival calamities, wors and ottacks, Tan chikes, Striker and political events.

some sol au

- More toward menewable meseurces
- Buy efficient products.

- Perform energy audit.
- write down the

Se cond law of Thormodynamics states that the state of entrapy of the entire universe as an isolated system, will always increase over time The significance of second law of efficiency is measure of how much of the Theoritical maximum you can active a comparison of the system mormal energy efficiency.

A head engine

e = 29/9 in = c(Ti - Tz) Ti

Ti initial temp of gas

Ti - final temperature of gas

e = (773.15-300.15)/77315 =0.608

300 = 273.15 +30 = 300.15.

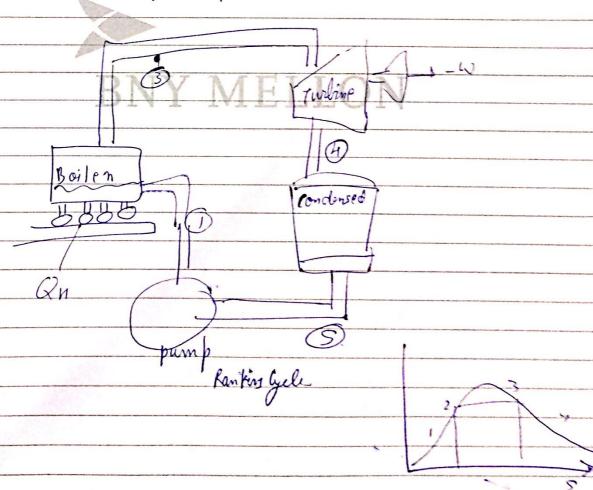
- Energy in the quantitative property that must be transformed to an object in order to perform work on on to that the object on measur of the ability of a body system to do work or produce a change.

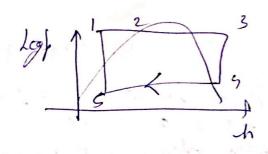


for is impolared if helps us in identifying the potential of that particular process as a system of you like to manimize a work potential, it means that you have to intrad as much work as periple from that particular dystem which means that the system should be in a dead state at the land of the process.

Of Explain The

Ans 6. The nanking cycle is the fundamental oferating cycle of all bower plants where an operating few is continuously evaporated and condensed.





Efficiency of paver excluse defined ins $\eta = \frac{W_{net}}{Q_{im}} = \frac{W_{39} - W_{51}}{Q_{13}}$