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positive. Work > 0 - WORK DONE BY THE SYSTEM ON THE SURROUNDINGS

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all forms of the energy a system possessn effects, the total energy of a system es is called total energy.

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2 Objectives • Examine the performance of engineering devices in light of the second law of thermodynamics. • Define

exergy, which is the maximum useful work that could be obtained from the system at a given state in a specified environment. • Define reversible work, which is the maximum useful work that can be obtained as a system ...

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within a body. The Energy transformations – mostly involve heat and work movements. The Fundamental law is the conservation of energy principle: energy cannot be created or destroyed, but can only be transformed from one form to another.

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