

# Heavy Water Plant (Manuguru)

## Energy Management Policy

Heavy water plant (Manuguru) is committed to well defined energy policy formulated by Heavy Water Board. The policy in our case is to pay focused attention to all aspects of plant operation and maintenance activities with a view to reduce energy consumption and also identify and implement plant modifications that can result in energy saving with specified limit on pay back period for the capital invested. The energy policy was translated into specific objectives and these objectives are given wide publicity in the plant. Matching action plans are evolved for implementation of energy objectives.

- Maximising production through highest utilization of plant equipment
- Fine tuning of operating parameters to closer to design
- Improvising on stream factor through better maintenance practices and reducing plant planned down time
- Continual Maintenance of heat exchange equipment for their highest efficiencies
- Fast track implementation of energy saving schemes
- Adoption of Re-use, re-cycle and recovery philosophy
- Hydro dynamic Study of process loops and cutting down excess design fats.
- Motivating, training and encouraging our employees to achieve the target of reducing specific energies by employee awareness programmes.
- Continuous monitoring and review of energy consumption pattern