

# **BPCL KOCHI REFINERY**

## **Kerala**

### **Energy Conservation Policy**

BPCL Kochi Refinery has integrated its Energy policy with its environment, health and safety policy, as any energy conservation measure helps in minimizing adverse impact on environment.

Kochi Refinery's commitment to energy conservation begins at the design stage itself by incorporating energy efficient techniques. Kochi Refinery has also implemented several energy conservation schemes based on the experience gathered during the operation. We have fully optimized heat exchanger trains, air preheaters and steam generators in process heaters and a plant lay out fully utilizing the terrain of the area minimizing the pumping requirements. Our policy is to conserve natural resources and to reduce energy consumption. Energy being a natural resource Kochi Refinery's commitment to energy conservation goes beyond the premises of the plant.

Through its own R&D effort, Kochi Refinery has developed natural rubber modified bitumen for road pavement. Field trials reveal that NRMB paved road has longer service life. Longer service life of NRMB roads results in lesser overlays of roads thereby reducing the pollution associated with heating of bitumen prior to laying. Vehicular emission is also reduced as vehicles plying on NRMB roads consume lesser fuel. Moreover, the fuel consumption of vehicles plying on roads paved with NRMB is expected to reduce by about 10%. This also results in substantial national savings.

Kochi Refinery is also implementing modernization project to meet the future specification of auto fuels.