

10 | ENERGY EFFICIENCY OPTIMISATION OF A REFINERY



Type of project / service: Efficiency Enhancement and Audit

Client: Bayernoil AG

Location: Neustadt, Germany

Project scope: 5 man-months

Project description:

Bayernoil AG is constantly striving to improve the energy efficiency of their Neustadt refinery site. As part of a company-wide initiative REINSTEIN was asked to identify the site's largest consumers of energy (electrical, steam), assess the potential of energy savings for these components e.g. through new or refurbished components or changes to operational procedures, and carry out detailed feasibility studies for the components with the highest energy saving potential.

Project result:

The studies identified and assessed several potential approaches, e.g. considering current component utilisation and operational procedures & constraints. Costs and availability of energy were reviewed and a full technical and economical assessment was carried out and led to the recommendation of the most beneficial approach.