

## **Energy Management in OMV Refineries**

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### **Abstract**

Classical fuel refineries are developing towards refineries producing specialty products and petrochemical refineries. This development leads to higher specific energy demands. Fulfilling of emission reduction targets also leads to increased energy demand. Therefore the resulting high energy costs must be managed.

The cross-site OMV Energy Management System will be presented after a brief presentation of Refining & Marketing GmbH and its refinery sites. The structure of the integrated management system is described as well as the connection to the business strategy and the internal project organizations. Furthermore, the interface to the OMV internal Energy Team is defined and presented in detail. The organization of the Energy Team core areas is presented as well as the structure of the expert teams. All teams are organized across 3 refinery locations.

Energy efficiency activities are driven by energy prices. The historical development of energy prices, CO<sub>2</sub> prices and Brent price are shared. Finally, the specific energy cost contribution to the Refinery OPEX is given.