

# Energy Efficient Refiners-An Experience at JK Paper Mills

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## **ABSTRACT**

Refining plays a vital role in the paper making process. It greatly influences the paper quality and productivity. About 30-35% of the energy requirement of Stock Prepn. and Paper Machine is used in refining only. With increasing energy costs, there is a need to understand and adopt energy efficient equipment and controls. This paper analyses certain key aspects of refiner performance i.e specific energy, intensity of refining, specific edge load, size selection, refining parameters, etc and relates the above to our experience at JK Paper Mills.