

## ENERGY ANALYSIS OF INDIAN MANUFACTURING SECTOR

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### ABSTRACT

The energy demand has been growing rapidly with economical growth, changes in the demographic structure, rising urbanization, socio-economic development. Energy intensity of Indian industries is among the highest in the world and specifically the Indian manufacturing sector is the largest consumer of energy sources. This study attempts to analyze the factors of energy intensity of Indian manufacturing firms using data from the PROWESS database of the Center for Monitoring Indian Economy (CMIE) for the period 2005-2014. The manufacturing sector is the largest consumer of commercial energy in India. In producing about a fifth of India's GDP, this sector consumes about half the commercial energy available in the country. Six energy-intensive industries- aluminium, iron and steel, cement, pulp and paper, fertilizers, and textiles - that account for over 60 per cent of the energy consumed within this sector have been considered for this study.

**KEYWORDS:** Energy Analysis, Manufacturing Industries, Prowess