Summary of study: Energy efficient fan/ blower in a textile unit: Unit - 2

Industry : Textiles

Unit profile : A textile unit located in Nagpur (Maharashtra) engaged in spinning and weaving of yarn for production of shirting fabrics and printed fabrics

Technology :

- Energy efficient fan/ blower

Application : Energy savings in application of fans

Year of investigation : 2014

Key features:

- Replacing existing inefficient fans used for dehumidification in weaving section with energy efficient fans

Energy and cost saving:

Details	Existing	Recommended
Power consumption (kWh/year)	371,256	259,879
Energy saving (kWh/year)		30

Note:
This report is an example for investigating the potential of application of Japanese low carbon technology (LCT) in Indian industries. Adoption of energy efficient fan is the LCT which can generate greater benefits in Indian industries.