

Energy savings through use of efficient motors

Location: Hulas Wire Industries Ltd., Nepal

Process: Wire manufacturing

Before

- More than 400 nos. of low efficiency motors, some of them rewound more than thrice, were in use



After

- 45 nos. of the motors were replaced with higher energy efficiency motors, leading to lower energy consumption



Costs/benefits

Cost: NPR 1,279,000

Payback: 8 months

Annual savings: NPR 2,055,180

(205,518 kWh energy per annum)

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