

Use of natural lighting

Location: Multi Steel Casting, Bangladesh

Process: Steel re-rolling and pipe manufacturing

Before

- Day light was not utilized on the shop floor
- Dark sheets were installed on roofs
- Halogens lights and incandescent bulbs were kept on during day time



After

- Installed polycarbonate sheets to utilize day light
- Halogens lights (7 nos.) of 800 W each and incandescent bulbs (5 nos.) of 100 W each are now switched off during daytime



Costs/benefits

Cost: BDT 95,000

Annual savings: BDT 109,300

Payback: 11 months

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