

Electricity saving by installing LED lights

Location: National Tubes Ltd., Bangladesh

Process: Pipe manufacturing

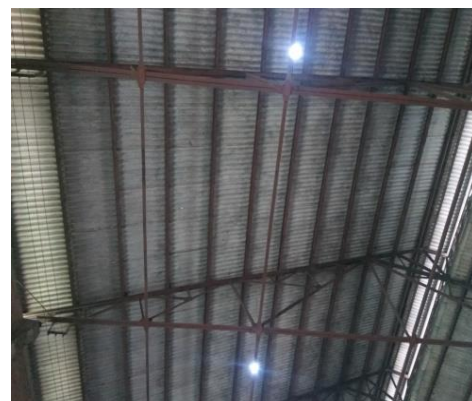
Before

- Company had about 150 tube-light fixtures
- High electricity consumption due to inefficient lighting
- Light fixtures installed were mostly without any reflector



After

- Company is replacing most of the existing lights with energy efficient LED lights in phased manner
- In the 1st phase, the company replaced 25 tube-lights of 80 W with 25 LEDs of 12 W
- Rest of the LED installation is in progress



Costs/benefits

Cost: BDT 6,250

Annual savings: BDT 45,360

Payback: 1.6 months

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