

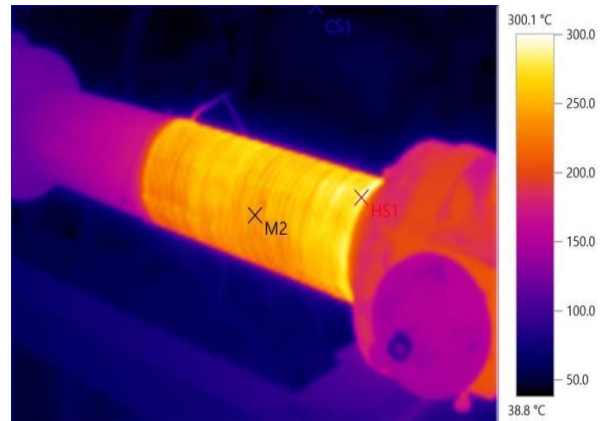
Electricity saving through improved monitoring

Location: Cable manufacturing industry, Bangladesh

Process: Co-extrusion

Before

- The temperature of extruder machine was not controlled leading to heat loss
- To make up for heat loss, heater stayed on for more time, leading to high electricity consumption



After

- A temperature monitoring system with thermocouples on heaters has been installed which regulates the temperature and avoids overheating
- This has reduced heat losses and led to reduction in specific electricity consumption



Costs/benefits

Cost: BDT 2,500

Payback: 5 months

Annual savings: BDT 6,075

(675 kWh of electricity saved)

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