

Energy savings by switching off machines not in use

Location: Oshin Power Services Pvt. Ltd., Nepal

Process: Fabrication

Before

- Three welding machines were in operation - these were generally not turned off when not in use e.g. during lunch break or between jobs
- Stand-by power (loss) was measured to be 1.2 kW



After

- After awareness session for shop floor team, welding operators are now aware of power loss from idle running of welding machines
- The workshop supervisor now switches off the power line to workshop during lunch break



Costs/benefits

Cost: Nil

Payback: Immediate

Annual savings: NPR 5,400

(540 kWh electricity per annum)

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