

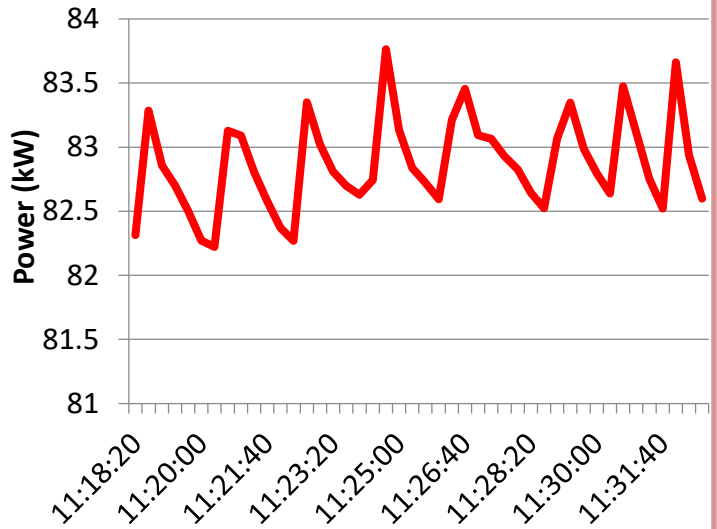
Compressed air leak reduction

Location: Steel Rerolling Factory, Sri Lanka

Process: Hot rolling

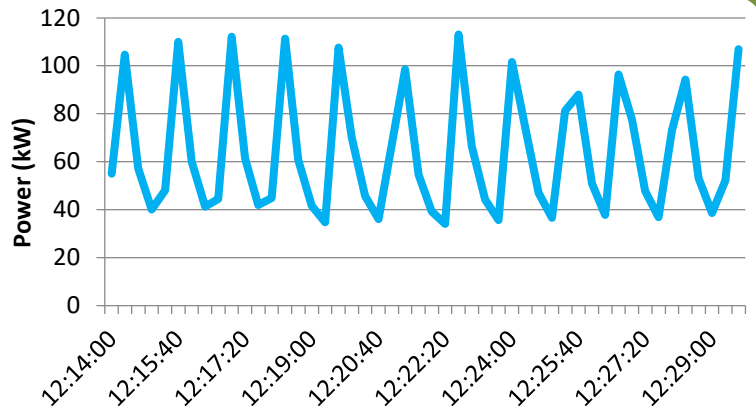
Before

- Compressed air leakage losses were present in the system
- 3 air compressors (rated power/loading 90 kW/92%, 90 kW/92%, 110kW /45%) were operated to fulfil compressed air requirement (two for base load and one for part load)



After

- Major leakage points were rectified
- Currently, one compressor caters to the base load and a second to the part load (rated power and loading 90kW/92%, 110 kW/ 54%)



Costs/benefits

Cost: Nil

Payback: Immediate

Annual savings: LKR 7,600,000

(691,700 kWh of electricity)

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