

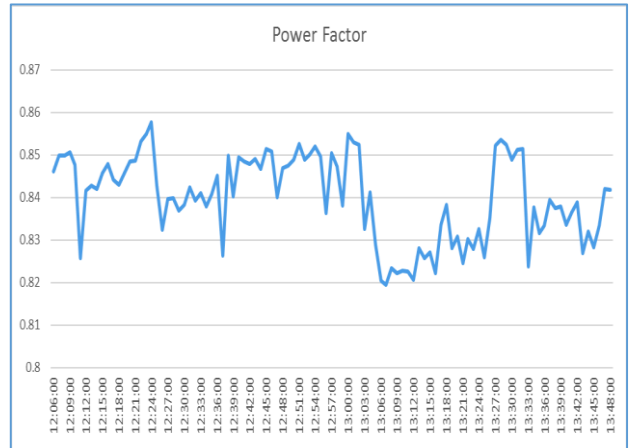
# Power factor correction

**Location:** Swisstek Aluminum, Sri Lanka

**Process:** Fabrication unit

## Before

- Power factor maintained in the factory premises was low (0.84) leading to high demand charges
- Some of the capacitors in the capacitor bank were not operational



## After

- Capacitor bank has been repaired and the power factor is maintained around 0.96



## Costs/benefits

**Cost:** LKR 893,000

**Payback:** 11 months

**Annual Savings:** LKR 990,000

*(75 kVA of demand savings)*

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