

ELECTRICAL EFFICIENCY

Welcon Technologies can assist in the development a broad range of Electrical Efficiency Optimisation Projects.

Through our range of skills, expertise and experience in electrical engineering we can provide a complete solution that best matches your business and specific requirements.

We can identify and conduct feasibility assessments incorporating environmental and legislative requirements to provide the optimum outcome and cost benefit.

BENEFITS

Costs Savings:

- Electricity Tariff Assessment
- Power Factor Correction
- Energy Usage Reduction
- Electrical Equipment Efficiencies

Efficiency Gains:

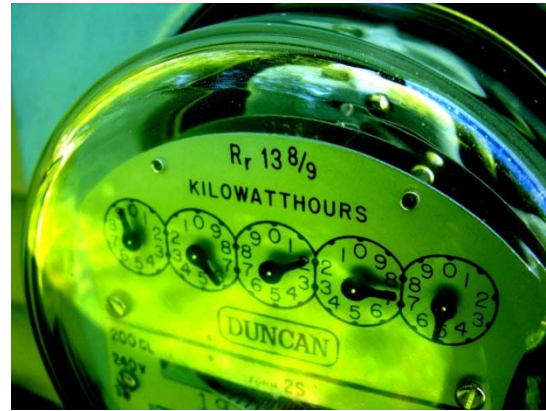
- Supply Metering & Usage Agreements
- Minimising Losses

Safety:

- High Voltage Audit
- Electrical Audits/Assessments
- Asset & Maintenance Audits

Reliability & Reduced Downtime:

- Electrical Supply to Plant
- Electrical Processes



DEVELOPMENT STAGES

1. Identify Potential areas for Cost Saving Opportunities
2. Analyse & Assess Opportunities
3. Engage Stakeholders on the Potential Opportunities and Select Best Options
4. Detail Selected Option(s)
5. Undertake Cost Benefit Analysis
6. Approval of Preferred Solution by Client
7. Produce Design and Engage Suppliers
8. Manage Installation and Commission
9. Performance Measurement
10. Close out & Document

EXAMPLES OF REAL SOLUTIONS

Specific Electrical Efficiency Solutions that we have completed for customers include:

- Energy Efficiency Opportunities (EEO) Studies & Upgrades
- Electrical Infrastructure Assessments
- Energy Wastage Capture & Minimisation
- Power Factor Improvements

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