

RETROFIT PROJECT 2014



AFRISON LED SERVICES AVAILABLE

FULL ENERGY AUDITS: LIGHTS

Complete information regarding current lights, replacement options, energy saving, cost & ROI's, CO2 reduction and other environmental impacts

FULL LIGHTING RETROFIT PROJECT MANAGEMENT

Retrofit installations, crushing of old lamps with certification, service level agreements

REBATE & GRANT APPLICATIONS AND ADMINISTRATION

Management and administration regarding all rebate / grant / incentive applications

NATIONWIDE DEALER NETWORK & SUPPORT

More than 200 dealers across South Africa & SADEC.



ENERGY SAVING SOLUTIONS THAT WORK FOR YOUR BUSINESS

MUSTEK OLD INSTALLATION

1.2m fluorescent lamps (36 Watt)
1.5m Fluorescent lamps (58 Watt)
High Bay lights (400 Watt)

LED REPLACEMENT TECHNOLOGY

1.2m LED Tube (18 Watt)
1.5m LED Tube (22 Watt)
LED High Bay (120Watt)

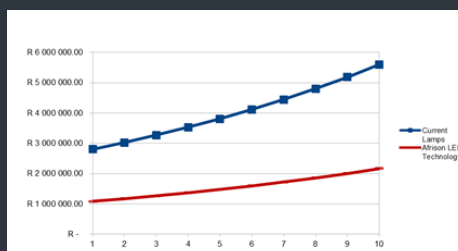
PROJECT FINANCIALS

(without rebate / grant)
Project Cost R2,409,753
Annual Saving R1,715,464
Break-even 17 Months

PROJECT FINANCIALS CONT.

(after AFRISON facilitated an Eskom Rebate)
Project Cost R2,409,753
Annual Saving R1,715,464
Eskom Rebate R 783,760
Break-even 11 Months

10 YEAR ELECTRICITY CONSUMPTION @ 8% Annual Increase Old Tech (Blue) vs LED Tech (Red)



ENVIRONMENTAL FACTORS

Item	Total / Year
kWh's Saved	1,760,447
Liters Water Saved	2 411 812
Kg. Coal Savings	950 641
Ash Reduced / Gram	272 869 285
SO ₂ Reduced in Grams	13 960 345
NO _x Reduced in Grams	7 376 273
CO ₂ Reduced in Kg.	1 742 843

ACTUAL MEASURED MUSTEK CONSUMPTION AFTER RETROFIT INSTALLATION MARCH 2013 vs 2014

