

AMEU

## UPDATE ON ENERGY ADVISORY

13 NOVEMBER 2015

Wayne Fortuin

(please contact me to arrange a free energy, water  
and waste usage assessment)

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[www.eskom.co.za/idm](http://www.eskom.co.za/idm) (click on advisory)



# Advisory Services are offered by Eskom Energy Services Managers

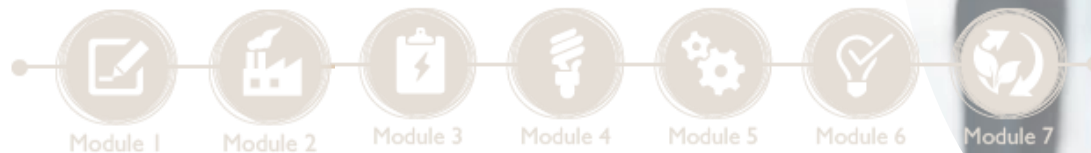
[www.eskom.co.za/idm](http://www.eskom.co.za/idm) (click on advisory)



Energy services managers offer a wealth of knowledge and experience to businesses, relating to a wide range of energy efficiency measures and interventions to support consumer led energy efficiency initiatives

Market focus: **Commercial, industrial, mining** and **agricultural sectors**

Equipped with a 7 module **Energy Management Information Pack** to guide the development and implementation of an energy management plan and measures



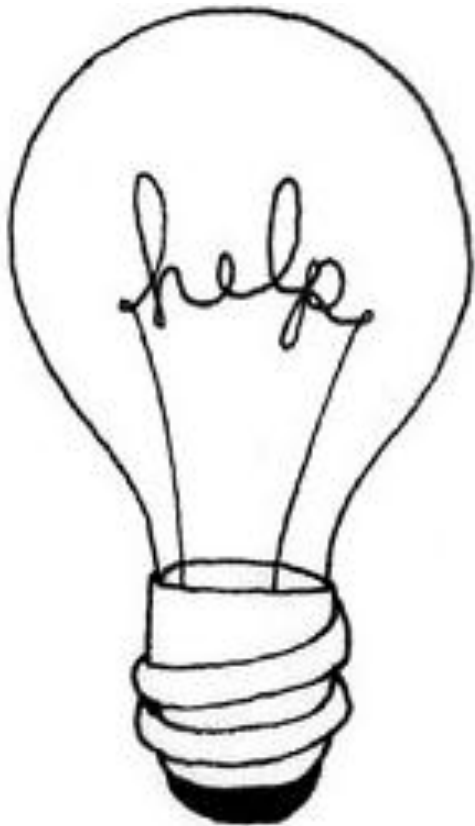
Cost: **available at no charge**

## HOW TO

A step by step guide



- Reduce energy usage** in an organisation
- Do walk-through energy assessments** to identify:
  - Energy usage patterns;
  - Energy needs;
  - Areas of energy wastage; and
  - Energy saving opportunities;
- Identify savings** in operational processes
- Improve systems and processes**
- Do before and after energy usage baselining**, and
- Quantify energy and demand savings**



- Funding opportunities**
- Available **energy efficient electro-technologies** for a variety of applications
- Appropriate Eskom and Municipal **tariff structures**
- Appropriate **energy sources** - whether electrical, fossil fuelled or renewable - based on energy assessments
- Where to find SANAS approved **M&V Authorities**

# 7 BROCHURES IN THE INFORMATION PACK AVAILABLE FOR DOWNLOAD [www.eskom.co.za/idm](http://www.eskom.co.za/idm) (click on advisory)



• Optimise operations and maintenance;  
• Improve the energy efficiency of operations and electrical systems and processes;  
• Prioritise maintenance as an important contributor to reducing energy usage; and  
• Find [SANAS](#) approved energy savings Measurement and Verification Authorities.

Understanding the latest energy efficient electro-technologies, drawing on outside technical assistance and having a variety of tariffs on hand to work with, Eskom's Energy Advisors are equipped to make recommendations in regard to both tariffs and appropriate energy sources - whether electrical, fossil fueled or renewable - based on an in-depth energy assessment of your business

Their consultations also include offering advice and information on funding opportunities for energy efficiency projects

**Energy Management Information Pack:**

Eskom's Energy Advisors are equipped with an Energy Management Information Pack that supplies business with a range of information on how to implement and establish the various facets of a fully-fledged energy management plan

Call 08600 37566 and leave your name and number and one of our advisors will contact you. Alternatively, ask for a specific advisor to contact you. email address: [AdvisoryService@eskom.co.za](mailto:AdvisoryService@eskom.co.za)

**The 7 brochures in the information pack can be downloaded here:**

- Developing an [energy management](#) action plan
- Building a business case for [energy efficiency](#)
- Creating an [energy awareness](#) programme: behavioural change at work
- [Conducting walk-through energy](#) assessments
- [HVAC](#) systems: energy efficient use and technologies
- [Energy efficient solutions](#): an overview of technologies
- [The Green Growth Cycle](#)

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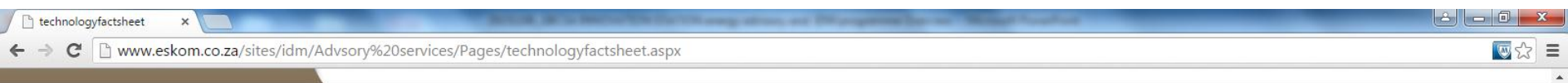
**Contact Us**

Customer Care:  
086 003 7566  
Contact Centre email address::  
[csonline@eskom.co.za](mailto:csonline@eskom.co.za)



# ENERGY EFFICIENT TECHNOLOGY FACT SHEETS AVAILABLE FOR DOWNLOAD

[www.eskom.co.za/idm](http://www.eskom.co.za/idm) (click on advisory)









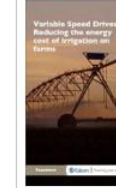



## Energy efficient technology fact sheets

Energy Management Information Pack

[Back](#)

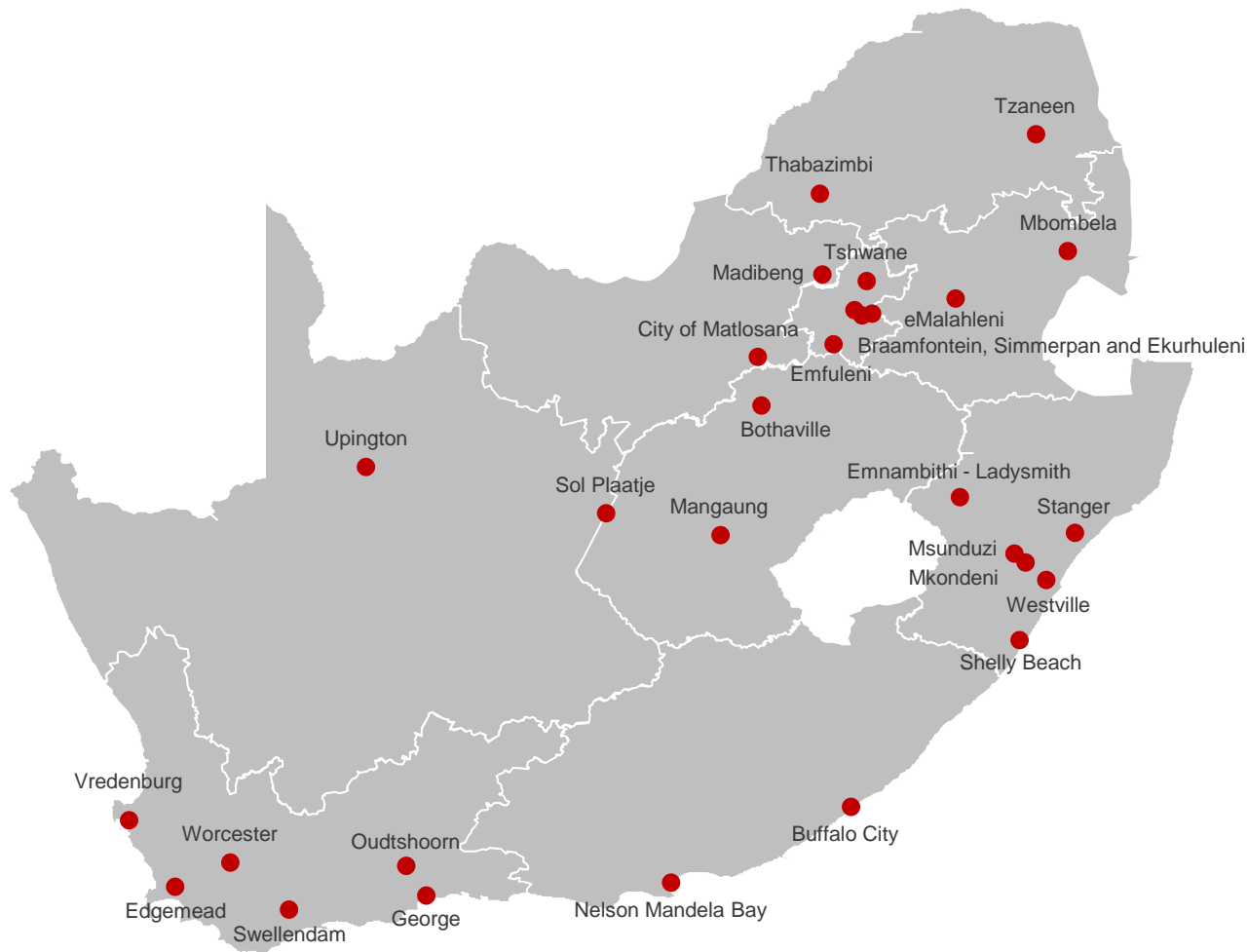
The fact sheets below offer advice and guidance on how a wide range of energy efficient technology solutions and proper maintenance regimes can improve the energy efficiency of operations and, as a result, reduce energy use and cut operating costs in commercial buildings, retail chains, hotels, restaurants, dairy parlours, broiler houses, greenhouses and manufacturing plants

Click on each fact sheet for more information:

						
<p><b>1. Variable Speed Drives: Reducing energy costs in pharmaceutical manufacturing</b></p>	<p><b>2. Heat pumps: Reducing energy costs in restaurants</b></p>	<p><b>3. Heat pumps: Reducing energy costs in hotels</b></p>	<p><b>4. Lighting and sensors: Reducing energy costs in commercial buildings</b></p>	<p><b>5. Variable Speed Drives: Reducing the energy costs of commercial HVAC systems</b></p>	<p><b>6. Variable Speed Drives: Reducing the energy costs of commercial refrigeration systems</b></p>	<p><b>7. Variable Speed Drives: Reducing the energy costs of irrigation on farms</b></p>
	<p><b>9. Refrigeration: Reducing energy costs in dairy parlours</b></p>	<p><b>10. HVAC and lighting: Reducing energy costs in poultry farming</b></p>	<p><b>11. Lighting: Reducing energy costs in agricultural commercial buildings</b></p>			
<p><b>8. Variable Speed Drives: Reducing energy costs in dairy parlours</b></p>				<p><b>12. Variable Speed Drives: Reducing energy costs in petrochemical manufacturing</b></p>	<p><b>13. Variable Speed Drives: Reducing energy costs, improving competitiveness (generic fact sheet)</b></p>	

Call 08600 37566, leave your name and number and an Eskom Energy Advisor will contact you. Alternatively, ask for a specific advisor to contact you.

# 03. Sixty eight energy advisors are available across the country to provide support



Location	# of advisors
Braamfontein	4
Bothaville	1
Buffalo City (East London)	1
City of Mtosana (Klerksdorp)	3
City of Tshwane (Pretoria)	3
Edgemoed (Cape Town)	6
Ekurhuleni (Boksburg)	4
eMalahleni (Witbank)	1
Emfuleni (Vereeniging)	1
Emnambithi - Ladysmith	1
George	1
Madibeng (Brits)	1
Mangaung (Bloemfontein)	8
Mbombela (Nelspruit)	1
Mkondeni	4
Msunduzi (Pietermaritzburg)	4
Nelson Mandela Bay (Port Elizabeth)	2
Oudtshoorn	1
Shelley beach / Margate	3
Simmerpan	1
Sol Plaatje (Kimberley)	2
Stanger	1
Swellendam	1
Thabazimbi	1
Tzaneen	1
Upington	1
Vredenburg	1
Westville	5
Worcester	2

Note: Indicative map locations, not positioned with a GIS system

# As national priority, multiple roleplayers are now promoting and participating in EEDSM initiatives



**12 I Tax incentive +  
SANEDI and the dti**



**12 L Tax incentive +  
SANEDI and the DoE**



**Private Sector Energy  
Efficiency (PSEE) Initiative  
+ National Business  
Initiative**



**Industrial Energy  
Efficiency Programme +  
National Cleaner  
Production centre (NCPC)**



**Green Energy Efficiency  
Fund + IDC and kfW**



**AfD Green Loan and  
Technical Assistance  
Facility**



**Solar Water Heating  
(SWH) rebate +  
Department of Energy**



**DR and EEDSM +  
Department of Energy IPP  
Procurement Office**



# Thank you



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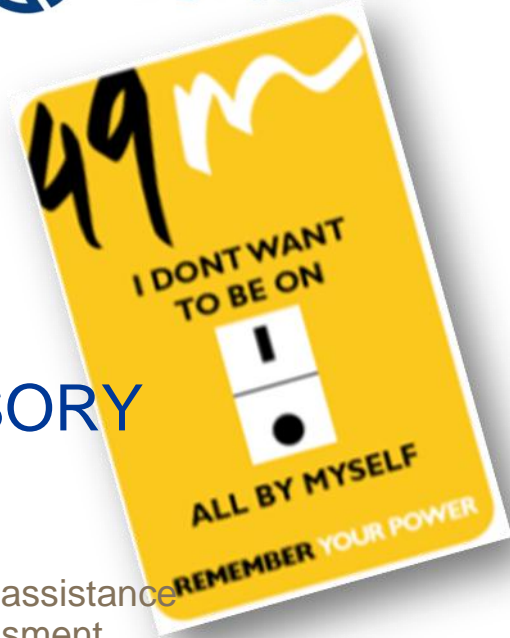
Please contact me with any queries, questions and for assistance free with an energy, water and waste usage assessment

Wayne Fortuin

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