

# IPET NEWSLETTER

Dec 2010

The Institute of Professional Engineering Technologists  
(Association Not For Gain)

Issued 2010/11/29

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Language Adviser. P McLeod

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## "Tackle a Block at a Time".

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### No 1. Annual General Meeting.

The IPET Annual General Meeting was held on the 23<sup>rd</sup> November 2010 at the University of Johannesburg.

Please see item No 7 below for further details.

### No 2. The IPET Annual Student Awards.

Each year IPET invites the Universities of Technology in South Africa to nominate their best two B Tech engineering Cum Laude graduates, one male and one female for an IPET Award.

These awards, in the form of a 60 mm gold-plated medal and certificate, are presented to the graduates who achieve the highest average marks for the B.Tech. degree across all engineering disciplines from **each** University of Technology in South Africa

The awards are presented by the Institute of Professional Engineering Technologists (IPET) at a special awards dinner.

From this prestigious group, the graduate with the best academic achievement for the B.Tech engineering degree in the whole of South Africa is awarded with the IPET medal.

This is a large 75mm gold-plated medal, and is the highest award a BTech Engineering graduate can achieve in South Africa.

It is therefore a highly sought after award.

The Awards function for 2010 took place on the 30<sup>th</sup> Oct 2010 and we hope to publish details in forthcoming newsletters.

### No 3. History!

*"The Budget should be balanced, the Treasury should be refilled, public debt should be reduced, the arrogance of officialdom should be tempered and controlled, and the assistance to foreign lands should be curtailed lest Rome become bankrupt. People must again learn to work, instead of living on public assistance," legend has Cicero saying in 55 BC..*

!

No 4.



**Photo of Award winners at the 2009 Awards Function.**

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## **No 5. Seasons Greetings from the Chairperson.**

I would like to take this opportunity to thank all the members for their valuable contribution during 2010 to both the institute and the technologist profession as a whole.

I would also like to extend my gratitude to all the council members for their wisdom and services to the institute in 2010.

As we look back at the year 2010 and look forward to 2011 let us take a moment to reflect on this past year and assess our successes and failures from both a personal and professional level.

The soccer world cup came, and has gone, with hope to change many things in our country and winning the world cup.

What did we do right and what did we do wrong in our individual capacities, and as a collective institute, to the process of promoting the technologist profession?

What lessons did we learn during the year and how are we going to use these lessons to improve ourselves and our institute in the coming year?

It is essential that as technologists we continue to work together with diligence and commitment and that we stand up for our rights and our beliefs. Whatever we do will have an impact on the next technologists generation.

Lets leave a better legacy to next generation by taking into consideration the people, profit and planet i.e an environment where profit can be attained, while training our youngsters and saving our planet earth. Please let us be green, not white and black. We can all be winners by being green. Let us stop complaining and start appreciating and maintaining what we have.

We also need to be able to serve the needs of our communities and institut effectively in an effort to create a better and safe society for all who reside in this country.

I am sure 2011 is going to be just as hectic as 2010 has been,.so please take this opportunity at the year end to relax and recharge your batteries. During this season as professional techonologists, apply the golden rule of safety first, and take care while travelling.

Have a blessed Christmas and a prosperous and fulfilling new year 2011.

**Kwezi Chabikuli Pr.Tech.Eng President**

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*To support charities at this time of the year more than 90% of the Xmas cards included in the hard copy version of this Newsletter, which was posted by snail mail to all members, were bought from various charities.*

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## No 7. AGM

### No 6. Editor's Comment.

For a number of years now we have warned that the number of hardcopy newsletters sent out will reduce. This has happened with the number of copies posted out getting less each year.

There are a number of reasons for this trend. These include the huge increase in paper, printing and postage costs over the past number of years. Postage alone has increased by some 35% since 2006 while printing costs have nearly doubled!

Delivery of posted items is also a problem. While this seemed to improve a few years back, it seems that the current situation is slowly slipping back again.

We get quite a few envelopes returned (eventually) marked address unknown, box closed, gone away etc only to find when phoning the member that the address is actually still correct! Some post just disappears completely.

With each batch of new member certificates posted we get some back unknown etc, as well as a few complaints by members that they never received their certificates.

Even using insured and registered mail has problems but thankfully usually only about the condition that the item is received in.

The vast majority of our members have E Mail addresses so we will continue to send out E Mailed Newsletters on a regular basis (approx every two months). The E News is kept to a reasonably small file size with the minimum of graphics so that even people using dial up lines can download the file in a few minutes.

E mail has proved to be much faster, more reliable and costs only around 6 to 8% of the hardcopy costs.

The most important items of news plus a whole lot of other information is placed on our websites, so if you have missed something you can always check on the Website. See [www.ipet.co.za](http://www.ipet.co.za)

Having said all this, the few members who supplied their agreement to receive a free commercial magazine should have received the hardcopy "**Lifting Guide 2010**" by now. While this annual publication only addresses one sector of industry, it should still be of interest. **As stated with the notification about this free magazine we offered no guarantees that anyone would get a copy and therefore cannot take any responsibility for deliveries/ non deliveries as it is all in the hands of the publisher.**

People may contact Promech Publishing at Tel 781 1401, Fax 011 781 1403, [bulkhandling@promech.co.za](mailto:bulkhandling@promech.co.za) if they want to purchase copies.

Some of the more important items from past newsletters are reproduced in this hard copy edition. This may be useful to those of you who might have missed these items.

Last but not least my very best Xmas wishes for you all may be found under item 26 below.

Thanks.  
Editor



### IPET Council at the AGM.

Back Row: C Mynhardt, I du Plessis, P van Dyk, W Lotter, B Pitman, V Nel

Front Row: J Lessing Senior Vice President; W Badenhorst Vice President; Kwezi Chabikuli President, Past President D Lange, Treasurer JJ de Koker.

*Thanks to Chris Mynhardt for the photo.*

The IPET Annual General Meeting was held on the 23<sup>rd</sup> November 2010 at the University of Johannesburg at 15H30.

The following were elected.

K Chabikuli President  
J Lessing Senior Vice President  
W Badenhorst Vice President  
D Lange Past President  
JJ de Koker Treasurer  
V Nel Secretary & Operations Officer  
B Pitman  
Col DJ Jordaan  
Dr G Fanourakis  
J Moloisane  
F Walker  
Corresponding Members;  
D Argyrakis (Port Elizabeth)  
K Ramjee (Port Elizabeth)

Due to pressure of work Mr S Lambert resigned from Council. He was thanked for his input over the past year.

The audited financial statements were tabled, discussed and approved. The Auditors, now known as BDO, were reappointed for the forthcoming year.

The Engineering Council of SA (ECSA) Certificate of recognition of IPET as a recognised Voluntary Association was handed over for display at the office. This had been presented to Mr J de Koker at an ECSA function a few weeks back.

The meeting closed at 17H00.

## No 8. E Mail Woes & Tips for Members.

To the members who do not get our bulk mailed E News, we offer some tips.

Just because you get E mails that are sent to you individually from us does not mean that you receive bulk E mails.

Some Companies and Internet Service Providers block E mails when they are addressed to more than a few people as they suspect that these E mails are Spam.

Some companies block all E-mails unless they are on an approved list held by the company.

Members who supplied E mail addresses which end in Spoornet, Transnet, Eskom and Gov (Government) are warned that our E News is often blocked as they suspect the E mails are Spam.

This unfortunately also applies to some other firms and consulting companies.

Although the worst cases are Eskom, Government, Spoornet and Transnet. Absa and Telkomsa.net also sometimes block our E mails.

**Members must sort this out with their IT people at work or their Internet supplier. Your own computer settings also need to be checked and set, especially if you have filters of any sort in your machine. It is not something we can do from our end!**

**E Mails coming from any of the following E Mail addresses should be allowed through.**

[jjconsultancy@gmail.com](mailto:jjconsultancy@gmail.com)  
[jameshellerjhb@gmail.com](mailto:jameshellerjhb@gmail.com)  
[206on8th@gmail.com](mailto:206on8th@gmail.com)  
[engineer@netactive.co.za](mailto:engineer@netactive.co.za)

Those members who cannot get our E News through their given addresses at work must please supply us with a valid personal private E Mail address.

To those who do not have E-mail please visit a friend who does have access to the Internet and / or regularly visit an Internet Café and go on line.

Please see our Website where we list invalid and suspect E-mail member's names. This list is updated from time to time.

The Website also contains most of the E news and includes information update forms, which you can use.

The Website address is;  
[www.ipet.co.za](http://www.ipet.co.za).

Your co-operation in this will be beneficial both to you and the Institute.

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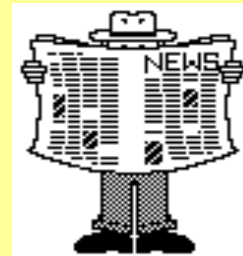
## No 9. Council for the Built Environment (CBE).

In the ongoing saga about the CBE it appears that ECSA and the CBE had deadlocked on the CBE proposals and that meetings to resolve the matter were taking place. The main issue with the proposal was that only the CBE would be a statutory body and that ECSA would become only a professional body. This would result in legal and overseas agreement problems. Additionally the work CBE Identification of Word profile does not work with ECSA. This in turn would also generate some problems for Voluntary Associations such as ours.

### *Note. Engineering Snippets.*

*The following mini articles and notices follow the trend of interesting scientific and engineering developments put in our previous newsletters. See our Website and news for more. We hope you find them of interest!*

*Ed.*



## No 10. SAQA sets up career advice help line.

A national career advice help line, the NQF and Career Advice Help line, set up by the South African Qualifications Authority, is now operational. The NQF and Career Advice Help line is there to provide support to learners who need to make career choices. Its aim is to provide accurate and expert advice to learners so that they are sufficiently equipped to make informed decisions and are able to assume greater responsibility for their career paths.

Visit [www.saqa.org.za](http://www.saqa.org.za) for more information.

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## No 11. Trade Union Threats.

The National Union of Metalworkers of SA is due to launch a big **occupational health and safety campaign, with the explicit backing of the labour department.** In a nutshell, the union plans to give employers hell if they don't stick to health and safety regulations, which will take some of the heat off labour department inspectors.

*Compiled from many news sources*

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## **No 12. Engineering Council of South Africa (ECSA) Registration Figures (July 20-10)**

Professional Engineers	14716
Professional Engineering Technologists	3583
Professional Certificated Engineers	1049
Professional Engineering Technicians	2169
Registered Engineering Technicians	893
Registered Engineering Technicians (Master)	429
Registered Lifting Machinery Inspectors	769

Above list excludes Candidates.

*Editor; The Candidates figures continue to show that the majority are in the Engineers category (53%), followed by Technicians (25%), Technologists (18%) and Certificated at (0.2%). It is debatable that there should be a much larger grouping in the non-Engineer category for the benefit of the country as a whole.*

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### No 13. Skills!? A Definition of Skill.

Education, even tertiary education, without experience is not a skill.

Experience without education is not a skill.

It's the rare combination of experience and knowledge that is a skill.

*Source. JC Blignaut UASA Trade Union.*

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### No 14. NSTF News.

The **National Science and Technology Forum** (NSTF), established in 1995, is a broadly-representative stakeholder body for all SETI organisations in South Africa, which seeks to influence policy formulation and delivery. The **NSTF Awards** are unique in SA, recognising the outstanding contributions of individuals and groups to SETI and therefore affording an opportunity for recognition and celebration of all practicing scientists, engineers and technologists across the system of innovation. The 'Brilliant Programme' of the NSTF hosts certain achievers in Science and Mathematics in the School System at an Awards Gala Dinner, and recognises and rewards them in various ways.

Read [more](#) about the National Science and Technology Forum (NSTF).

For more information, contact the NSTF Secretariat at:

E-mail: [nstf@scientia.co.za](mailto:nstf@scientia.co.za)

Web: [www.nstf.org.za](http://www.nstf.org.za) / [www.nstfawards.org.za](http://www.nstfawards.org.za)

Tel: 27 12 841 3987

Fax: 27 12 841 3025

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### No 15. Energy SETA Placed under Administration..

After many years of having to deal with the dysfunctional Energy SETA, it was placed under administration on 17 September 2010. The director general of the Department of Higher Education (DHET), Prof. Mary Metcalf, by notice in the Government Gazette, has suspended all members of the board and the operation of the ESETA's constitution. Accordingly, all of its committees are also suspended. The chief executive officer was dismissed by the accounting authority before that date.

Tsakani Matshazi has been appointed as the administrator for six months, and her appointment will be reviewed on the expiry of that period. She will have all the powers, rights and duties that previously rested with the accounting authority.

Prof Mary Metcalfe has since been asked to leave the Department.

Minister Blade Nzimande and Metcalfe, in a joint statement, agreed she would leave the department before the end of April 2011.

Further officials have now also resigned from the Department.

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### No 16 IATA Berates Oil Industries & Governments.

– The head of the world's biggest airline association, IATA, recently berated the oil industry and governments for investing "peanuts" in cleaner bio fuels.

"Bio fuels could break the tyranny of oil and lift millions from poverty along with providing a sustainable fuel source for aviation," Giovanni Bisignani, director general of the International Air Transport Association said.

Bisignani told an industry conference on aviation and the environment that the oil industry had huge multibillion-dollar earnings yet little is being done to prop up bio fuels made from non-food crops.

Governments and oil companies had invested peanuts he said.

The civil aviation industry has laid out a range of emissions cutting targets for the coming years to tackle climate change. IATA's ultimate target is about a 50 percent cut in emissions by 2050 relying on bio fuels. Industry faced a huge challenge in ensuring sufficient refining, supply and distribution for the world's airports, with air engine makers, airlines and small developers left largely alone to spur bio fuels.

IATA's chief renewed appeals for governments to join forces and set global standards for aviation to combat global warming at the International Civil Aviation Organisation later this month, rather than an uneven regional approach.

IATA is at loggerheads with regional and national emissions trading schemes, and additional taxes imposed by some governments.

Some bio fuels have been criticised for drawing on vital food crops, land and water resources.

Aviation officials insisted at the conference that their focus was on others sources such as algae and camelina (flax) for bio jet fuel.

IATA represents some 230 airlines.

*Source; Compiled from Most News Services & Internet.*

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### No 17. EU's ethanol production up 60%

Following a 60% growth in 2008, the EU's production of ethanol continued to grow last year and increased 31% to 3.7 billion litres up from 2.8 billion litres in 2008.

While a number of countries, including Austria and Sweden, dramatically increased their ethanol output capacity in 2009, France remains the biggest manufacturer. The nation increased its ethanol output from 1,000 million litres in 2008 to 1,250 million litres in 2009.

Germany is not far behind as it increased production by 32% last year to 750 million litres, while the third largest producer is Spain with 465 million litres. Six out of the total 18 producing EU countries failed to increase production or keep it constant.

Austria and Sweden were the only producing states to

more than double their ethanol output, with Austria boosting production by 102% and Sweden 124%. They are now ranked the fourth and fifth largest manufacturers of the biofuel respectively.

Total EU consumption is also on the up. The EU consumed around 4.3 billion litres, a significant increase compared with the 3.5 billion litres in 2008.

Germany consumed 1,143 million litres in 2009 making it the largest consumer. France is second with 798 million litres, followed by Sweden (377 million litres).

*Source: Compiled from bio-fuelnews.com*

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## **No 18. The Space Age is 53 Years Old.**

The Space Age officially began 53 years ago on 4<sup>th</sup> October 1957, when the Soviet Union launched Sputnik, the world's first man-made satellite. Organizations across the globe celebrate the 11th annual World Space Week, which highlights the contributions of space science and technology to life on Earth. The United Nations established the World Space week in 1999. This celebration, with co-ordinated events worldwide, has the theme “Mysteries of the Cosmos.” Amongst its aims is to educate the public about the many benefits that have been derived from space exploration.

The SA Amateur Satellite Association held several student events and an essay competition. Details [www.amsatsa.org.za](http://www.amsatsa.org.za)

*Source: Compiled from Space.com & www.amsatsa.org.za*

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## **No 19. South African Solar Car Race.**

Ten new South African race records were set during the second South African Solar Challenge, race organisers announced at the finish line in Pretoria.

Participants in the Challenge took part in two classes.

The Challenge/Olympia category is the competitive category, where competitors build solar-powered cars that must adhere to strict design criteria. Cars are constrained to six square metres of solar panel. The cars must have full lighting, and a 60-degree upright seat. Olympia class vehicles must have four wheels.

The technology class is open to all road vehicles and technology demonstration vehicles. The competitive portion of this class revolves around fuel efficiency. All tanks are sealed and the petrol/diesel/bio diesel/electricity is measured, and calculations done to determine the average fuel efficiency.

The world champion solar car, the Tokai Challenger, from Tokai University in Japan, competing in the challenge class, travelled 4 061 km – the furthest distance on solar power in a single South African event. This futuristic looking car also reached top speeds of 120Km/h but only at some points. It also travelled the furthest distance in a single day of 565.3Km. The car reportedly cost more than 3 million dollars!

Also in the challenge class, the Pretoria Star Track entry covered the furthest distance for a South African entry using solar power in a single event (728,3 km), while also setting a new day record for distance covered on solar (125,5 km) by a South African vehicle.

The Johannesburg German School, in its Sonnenbrand solar-powered vehicle, travelled the furthest distance on solar power in a single event by a South African school, at 483,5 km. Sonnenbrand also travelled 94,5 km, the furthest distance by a South African school in one day.

In the technology class (petrol/hydrogen fuel cell hybrids), the University of Johannesburg's (UJ's) Bar-1 hybrid vehicle travelled the furthest distance in a single South African event, reaching 1 845,4 km, and the furthest distance in a day, at 472,3 km. The Bar-1 combines hydrogen fuel cells with an electric motor and a Yamaha R6 motorbike engine. The fuel cells and electric motor add enough power to keep the revolutions down on the motorbike engine, which reduces emissions significantly.

The Schluckspecht electric vehicle, entered by the Offenburg University of Applied Sciences from Germany, covered the furthest distance in a single day in the technology class (electric), at 1 173,6 km, and the furthest distance in a day, at 340,2 km.

The Solar Challenge organiser director Winstone Jordaan, who is also the chairperson of the Advanced Energy Foundation, hailed the efforts of all the competitors. The next event is in 2012.

The event organized by the Advanced Energy Foundation and the Innovation Hub has international backing from the Internationale de l'Automobile (FIA) and the Department of Science and Technology, International Solarcar Federation, Motorsport South Africa and the National Energy Efficiency Agency.

*Compiled from many general news sources.*

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## **No 20. Electric Hybrid Cars on Test.**

Schneider Electric has installed electric vehicle chargers for plug-in hybrid vehicles in a trial in Strasbourg, Germany. The tests are being carried out by EDF and Toyota. 135 chargers have been installed in parking lots of partner companies and also at the homes of participating residents of Strasbourg.

The infrastructure was developed by Schnieder and enables electric vehicle batteries to be charged safely. The chargers optimise the charging load according to the particular vehicles requirements while taking into consideration the power available from the supply grid. An inbuilt communications system allows the chargers to inform the users of their availability and charge status.

*Compiled from source Schneider Electric.*



### No 21. Worlds Longest Rail Tunnel.

The new Gotthard Base Tunnel in Switzerland, which is 57 kilometres in length, is the longest railway tunnel in the world. Breakthrough was achieved on October 15, 2010.

For 14 years, huge boring machines have been tunnelling through the mountain from Erstfeld in the north and Bodio in the south to construct this railway tunnel. When the Gotthard Base Tunnel goes into service, which is not expected until 2017, Switzerland will once again be able to boast the world's longest railway tunnel. First place is currently taken by the 54-kilometre-long Seikan tunnel in Japan. When the tunnel is opened, trains will be able to speed through the tunnel at 250 kilometres per hour, shortening the travelling time between Milan and Zurich by an hour.

*Compiled from Source; swissinfo.ch articles may be published provided their source is quoted, or a link to the dossier given.*

Link:

<http://www.swissinfo.ch/eng/gotthard>

### No 22. Graphene – The Next Wonder Material.

A sheet of graphene (a form of carbon that appears as hexagonal shapes arranged in a flat layer) the same thickness as plastic refrigerator wrap, stretched over a coffee cup, can support the weight of a truck bearing down on a pencil point' (New York Times).

Besides being incredibly strong, it is an unimaginably thin material, stiff and yet stretchable, a super conductor of electricity and the best-known conductor of heat and is chemically inert. Although only discovered a few years ago, it is distinctly possible that graphene could, for example, replace silicon as a building block in computer chips, help build enormous flat screen TVs, be employed in electronics requiring flexibility and in advanced composite materials. Will this breakthrough result in a use for carbon - that vexing global warming problem? The discovery of graphene recently resulted in a well-deserved Nobel Prize for Physics to the Russian born physicists, Andre Geim and Konstantin Novoselov, both working at the University of Manchester in the UK.

*Compiled from various sources including New York Times and Nobel Prize Press releases.*

### No 23. Small Adverts - Policy.

IPET is prepared to place very small text only adverts in the Newsletter if they are deemed to be of direct interest and value to members. The Editor and Executive's decision on any particular advert is final. The adverts may not exceed 100 words and are, for the time being, free. Adverts that just advertise companies and / or their products are excluded from this offer. Other adverts, for which payment will be required, may be entertained in the future.

As our country is experiencing a difficult economic and financial crisis your organisation is trying to assist members where practical. Those seeking permanent positions in industry or younger persons who need experiential training in order to complete their degrees or diplomas may advertise their requirements with their contact details in a mini advert which will be included in the regular E Newsletter. As we also have requests from ECSA "Candidates" for Mentors, this request will also be covered in a mini advert. This is a free service to members.

### No 24. Adverts.

**Recently we received an E mail from ESKOM asking if we would publish a few adverts for Engineers, Technologists, Technicians to which we replied YES and for FREE! Despite a few reminders we sent to them we never received any answers.**

**So it seems they don't have any skills shortages!**

**We award them the Eishkom award for competence.**

### No 25. Publication Policy.

Our policy is to be informative but not to compete with Newspapers or Engineering Journals. We try to give a selective rational overview of the engineering scene relative to our members. We endeavour to cover matters of importance that might not make it into the general press. While we publish regularly, we may not always have the latest scandal! We need good technology news in terms of people, products and processes. If you have recently been promoted, moved to a different job, started a business, completed an interesting project, received an award of which you are proud, or have a handy tip to share, your news, views and letters to the editor on relevant issues will be welcome. Don't leave it to others; we want to hear from you!

*The Editor reserves the right to shorten and edit letters or reject them for publication where he deems it fit to do so.*



### No 26. The Joke Column. Warning / Disclaimer.

*Sensitive readers are warned that the following may erroneously be taken to contain sex, violence, strong language, gender, race, ethics etc. Readers are warned not to read or have any of the following read to them. Recommended readers age is limited to 120 and more years of age. A further requirement is you must have a sense of humour.*

# Please accept with no obligation, implied or implicit, my best wishes for an environmentally conscious, socially responsible, low stress, non-addictive, gender neutral celebration of the winter solstice holiday, practiced within the most enjoyable traditions of the religious persuasion of your choice, or secular practices of your choice, with respect for the religious/secular persuasions and/or traditions of others, or their choice not to practice religious or secular traditions at all... and a fiscally successful, personally fulfilling, and medically uncomplicated recognition of the onset of the generally accepted calendar year 2011, but not without due respect for the calendars of choice of other cultures whose contributions to society have helped make South Africa great (not to imply that SA is necessarily greater than any other country or is the only "Africa" in the World), and without regard to the race, creed, colour, age, physical ability, religious faith, or sexual orientation of the wishee.

This wish is limited to the customary and usual good tidings for a period of one year, or until the issuance of a subsequent holiday greeting, whichever comes first. "Holiday" is not intended to, nor shall it be considered, limited to the usual Judeo-Christian celebrations or observances, or to such activities of any organized or ad hoc religious community, group, individual or belief (or lack thereof).

DISCLAIMER: By accepting this greeting, you are accepting at least and not limited to the following terms: This greeting is subject to clarification or withdrawal, and is revocable at the sole discretion of the wisher at any time, for any reason or for no reason at all. This greeting is freely transferable with no alteration to the original greeting. This greeting implies no promise by the wisher to actually implement any of the wishes for the wishee, him/herself or others, or responsibility for the consequences which may arise from the implementation or non-implementation of same.

This greeting is void where prohibited by law.

# We know about the December ghosts of Xmas Past, Present and Future.  
What do ghosts do at the January sales?  
They go bargain haunting!

# Notice;  
Eskom would like to remind its customers that it is no longer politically correct to refer to power failures as "black outs."  
Reference must now be made to "previously lit" areas.

*The following column may become a regular feature in the future.*

*It is hoped to publish useful technical and other information from time to time, which can be cut out and stored in your own information file. Start your collection now!*

*Editor.*

### **No 27. For Your File Only!**

**The proposed Protection of Information Bill by the Government.**

It is really important that this is said. There is no reason for government to be involved in the press and freedom of speech, save issues there are already laws for.

The **Minister for Secrecy**, Siyabonga Cwele, was back in Parliament on the 22<sup>nd</sup> Oct to explain why the Protection of Information from Investigative Journalists Bill should be approved. Despite the rhetoric about listening and changes it appears little will actually happen.

So in the future you may see many notices like the one below!

This editions article cannot be published as it might fall foul of the above Act.

So Here is a blank page to file for history.

Editor; V Nel, Pr Tech Eng.

*Evening news is where they begin with 'Good evening', and then proceed to tell you why it isn't.*

### **No 28. Unsubscribe.**

**As a member of IPET you should want to receive the E News. If however you do not want to receive the IPET E News as an E Mail then you have the option to unsubscribe.**

To unsubscribe send an email with ""IPET unsubscribe"" in the text to [engineer@netactive.co.za](mailto:engineer@netactive.co.za)

### **Number 29.**

#### **E. & O. E.**

The Institute of Professional Engineering Technologists (IPET), its agents, volunteers, workers and members cannot be held responsible for errors in, amendments to, or any damages whatsoever arising from information published in good faith. Opinions expressed by contributors are not necessarily shared by IPET.

### **No 30. Disclaimer.**

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