

TIPSASA NOTICE

CABINET APPROVES IRP2019

Cabinet approved the promulgation of the **Integrated Resource Plan (IRP)**, South Africa's policy blueprint for the electricity sector.

The IRP spells out a proposed energy mix for the country until 2030.

In a statement, Cabinet said "most of the inputs" from experts in the sector, the public and academia, received during a public consultation process last year were included in the 2019 IRP.

"The plan proposes nine interventions to ensure the country responds to the energy needs for the next decade.

The interventions draw from the current baseline of the demand and supply of the country's energy and the country's international obligations to the minimum emission standards," the statement said. "The plan remains within the policy framework of pursuing a diversified energy mix that reduces reliance on a single or few primary energy sources. It will be revised in line with the changing energy sector environment."

The approved IRP can be accessed on the Mineral Resources and Energy Department website after it is gazetted.

Now we are just waiting for the draft National Energy Efficiency Strategy (NEES) to be finalised.

This is where the impact will be beneficial to the Insulation Industry; i.e. tightening of building standards, tax incentives for building retrofits and the Energy Performance Certificates (EPC's) for buildings.



Gwede Mantashe Minister of Mineral Resources and Energy .

“However difficult life may seem, there is always something you can do and succeed at”
- Stephen Hawking

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14 - 15 November 2019
 Farm Inn | Silverlakes | Pretoria
www.saeecconfed.org.za



The Annual Southern African Energy Efficiency Confederation (SAEEC) Conference was held from the 14-15th November 2019 at the Farm Inn in Pretoria. The Energy Efficiency Awards event was held on 14 November 2019 hosted by the SAEEC. The awards evening was the pinnacle event of the Annual Southern African Energy Efficiency Conference held for the 14th consecutive year in a row.

As an official Chapter of the Association of Energy Engineers (AEE), the SAEEC provides a platform for the Southern African region to be recognized for their contribution to the industry, where after winners are automatically entered into the AEE regional, and international awards categories. SAEEC is the springboard to international recognition for our members, member organisations, and all persons passionate about energy in Southern African.



TIPSASA Members were out in “full force”; Mr. Lammie de Beer presented a paper on cavity walls, which will be re-introduced into South Africa once the revision of SANS 10400-XA has been published, and the effects and results of cavity wall insulation, Mr. Grant Richardson presented a paper on the compression of bulk insulation and the introduction of spacers to prevent compression of insulation and Ms. Lisa Reynolds presented a paper on Energy Performance Certificates.





SANEDI receives \$100 000 grant for cool roofs challenge

The State-owned South African National Energy Development Institute (SANEDI) has received a \$100 000 grant from the 1-Million Cool Roofs Challenge to deploy solar reflective coatings and/or materials between August this year and December 2020, the institute announced in a statement on Wednesday.

It was one of ten global teams awarded a portion of \$1-million in grant funding.

The 1-Million Cool Roofs Challenge is a \$2-million global competition to rapidly scale up the deployment of highly solar-reflective “cool” roofs in developing countries suffering heat stress and lacking widespread access to cooling services.

The uptake and promotion of cool surfaces has been much more vigorous in developed countries than in developing ones. The large cash prizes are a strong indication of the conviction the organisers have of the ability of cool surfaces to address environmental concerns, said SANEDI energy efficiency cool surfaces and communications project officer Denise Lundall.

The cooling effects will vary by city, but studies indicate a cooling potential of about 2 °C to 4 °C. The whitening of 100 m² of grey roofing cancels the warming effect of 10 t of carbon dioxide emissions (or 0.6 t/y for the life of the roof).

Globally, this would reduce greenhouse-gas emissions by the equivalent of about 500 medium-sized coal-fired power stations, SANEDI stated.

“The deployment of reflective materials creates sustainable job and skills opportunities for low skilled workers in rural and urban contexts.”

The 1-Million Cool Roofs Challenge is a project of the Kigali Cooling Efficiency Program (K-CEP), in collaboration with the Global Cool Cities Alliance, Sustainable Energy for All and Nesta’s Challenge Prize Centre. The K-CEP is funded by philanthropists and philanthropic organisations, according to its website.



Dr. Thembakazi Mali interim CEO of SANEDI and Ms. Denise Lundall

In April, SANEDI announced that its Cool Surfaces Project had moved to a completed, scaled-up project in Groblershoop, in the Northern Cape. Reflective roof coatings had reduced the indoor daytime temperatures at a low-cost housing project in Groblershoop from above 34 °C to 25 °C.

The Cool Surfaces Project began as a collaboration between the South African and US Departments of Energy, under the Clean Energy Ministerial determination. The idea was to make buildings as non-polluting and energy efficient as possible. The project was in response to South Africa’s need for a quality energy-passive, low-cost, low-maintenance cooling technology that was fire retardant and waterproof.

TIPSASA WELCOMES ITS NEW BOARD MEMBER

We are pleased to announce the appointment of Mr. Themba Mtombeni to the Board of Directors of TIPSASA.

Themba Mtombeni is the founding CEO of Naturecell, an emerging manufacturer of a range of ecologically sensitive products for various industries including construction.

Themba began his career in international IT environments wherein he assumed various technical and managerial roles in the UK for the likes of Morgan Stanley, Newton Investment Management and Mellon Bank as well as Behr Engine Cooling and the Nampak Group back in South Africa.

Over the past decade, Themba has assumed the role of an entrepreneur industrialist, with a focus on initiating and growing businesses within the heavy industry and manufacturing sectors.

The experience and skills of our new Board Member will complement the strengths of our current Board and will assist us as we look to TIPSASA's future.



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....to all the members that have faithfully supported the Association during 2019.

We wish you a Blessed Festive Season, safe travels and a Prosperous New Year.

*Provisional meeting date for next year:
20February 2020*



Please note that the TIPSASA Offices will be closed for the annual builders shutdown from 12 December 2019 - 13 January 2020.

2020 MOTTO:



Talk less
DO MORE

Watch this space!