

# SAIEE LOAD RESEARCH CHAPTER

Feedback regarding LRC

By: Monde Soni (LRC Chair)

Date: 26 June 2019

Venue: SAIEE House

How the idea came about...

**LRC**

# LRC Terms of Reference at a Glance

- **Purpose:** create a knowledge sharing platform in the areas of R&D (academic and otherwise) and application of LR.
- **Scope:** spans across LR resource creation; LR results broadcasting; LR Application.
- **Objective:** Track historical trends; detect and model impact of technology advancements; redefine load models; provide input to SANS 507

# Events: Launch

- Launch took place in April – see [programme](#)
- Following Executive Committee was elected by members:



**Chair**

Monde Soni  
Eskom Group Technology



**Co-Chair**

Marcus Dekenah  
Marcus Dekenah Consulting



**Secretariat Desk**

Lloyd Setlhogo  
Eskom RT&D

# Events: 2019 Calendar

- PTO...

Event no.	Event type	Date & Time	Venue	Sponsor(s)	CPD	Topic(s)	Presenter
1	Meeting/ Workshop	26/06/2019 10:00 – 14:00	SAIEE House	SANEDI	Application in progress	Load Research Database Launch for 1994-2014 data	Agenda available
2	Webinar	30/07/2019 18:00 – 19:00	Webinar link to be provided	None	Application in progress	<u>TBC</u> : Adventures in domestic inter-day load behavior	Wiebke Toussaint
3	Morning Seminar	03/09/2019 09:30 – 12:30	TBC	TBC	Application in progress	Impacts of Data cadence (time resolution) [temporal, spatial] on modelling	TBC
						Load Models & modelling : Domestic	TBC
						New load models	TBC
						Appliance-based demand modelling	TBC
						Future domestic building energy dynamics	TBC
4	Webinar	31/10/2019 18:00 – 19:00	Webinar link to be provided	None	Application in progress	Load Research software tools 'exhibition'	TBC  6

# Marketing and Media Presence

## INDUSTRY AFFAIRS

SAIEE Load Research Chapter Launch



Presenters (from left): Marcus Dekenah, Monde Soni, Jaco Alberts, Lloyd Setlhogo and Hendri Geldenhuys.

On the 4th April 2019, a newly formed SAIEE Load Research Chapter (LRC) was launched. This inaugural event took

The event was a success with representatives from all industry role players.

1. Events calendar for the next 12 months – this calendar will have planned events such as seminars, webinars and panel

Wattnow Magazine: May Issue

## Employee Engagement programme



### INNOVATION KEY FOR NEWLY LAUNCHED SAIEE LOAD RESEARCH CHAPTER

A newly formed SAIEE Load Research Chapter (LRC) was launched in April. This inaugural event took place at the South African Institute of Electrical Engineers' Council Chamber in Johannesburg. According to its terms of reference, the LRC aims to bring together all industry players that are involved or simply interested in the load research field.



This initiative brings together a variety of stakeholders including academia, consultants, utilities, software developers and municipalities.

The ultimate goal is to adapt old models and create new innovative models that suit new and emerging technologies. The LRC provides a platform for all stakeholders to share research findings and experiences on the subject as well as the related subjects.

Eskom RT&D's Lloyd Setlhogo (Senior Advisor, Demand Management CoE, Eskom RT&D) presented on "The dissemination of Load Research results in South Africa". Lloyd was also selected as the Secretariat of the LRC and Monde Soni (Senior Engineer, Planning: Eskom Group Technology) as the chairperson.

Anyone interested in load research are invited to join the chapter and help contribute to improve the ESI in South Africa. Please contact the Secretariat (Lloyd Setlhogo).

Please note that you will be expected to register with SAIEE once you have joined the Chapter. The schedule for the upcoming, exciting and CPD-accredited events will be released in due course.



The LRC Launch Presenters from left to right: Marcus Dekenah, Monde Soni (Eskom), Jaco Alberts, Lloyd Setlhogo (Eskom), Hendri Geldenhuys (Eskom)

Employee Engagement (Eskom Internal Publication): June Issue

# Next Steps

- Chapter monthly meeting to add value to members
- One presentation per month – a ‘snack’ for members
- Ensure CPD accreditation for most (if not all) events
- Get sponsors for events
- Consistent media presence – including LRC webpage (underway)



Thank You

**LOAD RESEARCH CHAPTER (LRC) LAUNCH**

Notice of Meeting to be held in the SAIEE Council Chamber, 18A Gill Street, Observatory on Thursday the 4<sup>th</sup> of April 2019 at 9:30.

**A G E N D A**

**Session Chair:** Monde Soni

Start Time	End Time	Item	Presenter	Time Allocation
09:30:00	10:00:00	1. Registration, Opening and Welcome	Monde Soni	30
10:00:00	10:15:00	2. Audience introduction (How you relate to LR)	Monde Soni	15
10:15:00	10:25:00	3. Introduction of the LR Chapter (ToR Presentation)	Monde Soni	10
		<b>4. Presentations</b>		
10:25:00	10:40:00	4.1. Importance of LR in context of South African ESI	Hendri Geldenhuys	15
10:40:00	11:05:00	4.2. Review of the common engineering applications of LR in SA (who are the “users” and what do they typically need)	Jaco Alberts	25
11:05:00	11:30:00	4.3. Current state of LR in SA and the future (what are we “making”, what should we be “making”, how could we get there.)	Marcus Dekenah	25
11:30:00	11:55:00	4.4. Dissemination of LR results in SA (how do we get the results from the “makers” to the “users”)	Lloyd Setlhogo	25
11:55:00	12:00:00	5. Roles and responsibilities of Office Bearers	Monde Soni	5
12:00:00	12:00:00	6. Distribution Feedback Forms	Monde Soni	0
<b>12:00:00</b>	<b>12:30:00</b>	<b>7. Finger Lunch and Socialising (use this time for lobbying if running for election)</b>	<b>ALL</b>	<b>30</b>
12:30:00	12:35:00	8. Election of LR Chair	ALL	5
12:35:00	12:40:00	9. Election of Co-Chair	ALL	5
12:40:00	12:45:00	10. Election of Secretariat	ALL	5
12:45:00	12:55:00	11. General & Closure	ALL	10

