



Loadshedding and power cuts – what is really going on?

25-26 October 2021

NSTF/proSET online Discussion Forum

The National Science and Technology Forum (NSTF) is hosting a Discussion Forum in collaboration with stakeholders in science, engineering and technology (SET), on issues around loadshedding in South Africa.
#proSET #loadshedding @Eskom @NSTF_SA



Programme

Day 1: 10:30 to 13:30 (directly after the proSET General Meeting)

Time starting	Time ending	Topic	Speaker/ Organisation
10:30	10:40	Welcome to participants and introductions; programme, outputs, and intended outcomes	Mr Dawie Botha , Chair: proSET Committee
10:40	11:10	Government policies, directives and initiatives related to loadshedding	Ms Niehaus
11:10	11:40	What happened? Loadshedding in South Africa and how to fix it	Dr Jarrad Wright , until recently at the CSIR; SA National Planning Commissioner; and soon to be at National Renewable Energy Laboratory (NREL) in the USA
11:40	12:10	A compelling case for fast tracking variable renewable energy in South Africa and the region	Prof Frik Van Niekerk , Unit for Energy and Technology Systems, Faculty of Engineering, North West University

12:10	12:40	The perspective of independent power producers	Mr Tommy Garner , E&W: Business Development Manager; and Chair: Independent Power Producers Association
12:40	13:30	Question and answer session	All

Day 2: 9:00 to 13:00

Time starting	Time ending	Topic	Speaker/ Organisation
9:00	9:10	Welcome to participants and introductions; programme and intended outcomes	Ms Jansie Niehaus , Executive Director: NSTF
9:10	10:10	Why load shedding is necessary	Mr Gav Hurford , National Control Manager: System Operator, Transmission, Eskom
10:10	10:40	The impact of electricity shortage on South Africa's economy	Prof Roula Inglesi-Lotz , South African Association for Energy Economics (SAAEE); and Department of Economics, University of Pretoria (UP)
10:40	11:10	Question and answer session	All
11:10	11:40	Ending South Africa's reliance on energy from coal? An introduction to the policy framework for South Africa's Just Energy Transition	Dr Melanie Murcott , Department of Public Law, Faculty of Law, University of Pretoria
11:40	12:10	Go solar.	Prof Xiaohua Xia , Professor: Dept of Electrical, Electronic and Computer Engineering, UP; and Director: Centre for New Energy Systems (CNES), UP
12:10	12:40	Q&A and discussion	All
12:40	13:00	Wrap up	Ms Niehaus

Presentations, proceedings, and media release will be available on

<http://www.nstf.org.za/discussion-forum/loadshedding-and-power-cuts-what-is-really-going-on/> Video clips will be posted to this website page, as well as the [NSTF YouTube platform](#) (see details below)

Remember to tweet: @NSTF_SA

Hashtags: #proSET #loadshedding

#SolarPower #CarbonEmissions

#ElectricitySupply

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National Science and Technology Forum (NSTF)

- Independent non-profit stakeholder body and network
- Unified voice for the science, engineering, technology (SET) and innovation community
- Includes private and public sectors
- Promoting SET and innovation in South Africa since 1995

