

Loadshedding & power cuts – what is going on (or off)?

Comments by Jansie Niehaus, NSTF Exec Director

25 October 2021

Latest news

eNCA

Joburg threatens Eskom with legal action

travis.richards

JOHANNESBURG - The City of Johannesburg is threatening to take legal action against Eskom over the latest round of blackouts.



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Pres Cyril Ramaphosa

- State of the Nation Address 2021: The threshold for registering embedded generation would be increased from 1 to 100 MW.
- Amendment to Schedule 2 of the Electricity Regulation Act , gazetted on 12 Aug 2021)

Minister of Mineral Resources & Energy, Gwede Mantashe's Budget speech May 2021

- "...we are committed to a just transition and have begun investing in clean technologies to ensure that we transition from a high to low carbon economy, while ensuring security of energy supply."
- "...we plan to connect 180 000 additional households in the 2021/22 fiscal year, following 166 886 households connected in 2020/21 financial year."

Minister Mantashe's Budget speech 2021 (cont.)

- Minister Gwede Mantashe: Budget Vote 2021/22: (May 2021): New electricity supply:
 - **1 200 MW** to be connected to the grid from projects signed under the IPP Programme (Bid window 4)
 - **plus 1 000 MW** (under the same) planned to connect by December 2021
 - **1 995 MW of power into the grid [by about Nov 2022] by 11 preferred bidders**
 - **200 MW** from Independent Power Producers were procured under the Short-Term Power Purchase Programme
 - **2 600 MW** – a Request for Proposals (RFP) for electricity from wind and solar energy technologies. (Bid Window 5)
- [Total about 7 000 MW]

Minister Mantashe's Budget speech 2021 (cont.)

- Requests For Proposals (RFP) are planned as follows:
 - 2 600 MW from renewable energy around Aug 2021
 - 513 MW from Storage around Aug 2021
 - 1 500 MW from Coal around Dec 2021
 - 3 000 MW from Gas around Dec 2021
 - 1 600 MW from renewable energy around Jan 2022
- [Total: about an additional 9 200 MW]

Programme 25 Oct

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

Prof Frik Van Niekerk, Unit for Energy and Technology Systems, Faculty of Engineering, North West University

Mr Tommy Garner, E&W: Business Development Manager; and Chair: Independent Power Producers Association

Programme 26 Oct

Mr Gav Hurford, National Control Manager: System Operator,
Transmission, Eskom

Prof Roula Inglesi-Lotz, South African Association for Energy Economics
(SAAEE); and Department (Dept) of Economics, University of Pretoria (UP)

Dr Melanie Murcott, Department of Public Law, Faculty of Law, UP

Prof Xiaohua Xia, Professor: Dept of Electrical, Electronic and Computer
Engineering, UP; and Director: Centre for New Energy Systems (CNES), UP

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- Presentations will be on the website www.nstf.org.za by Wednesday.