



MEMORANDUM

FROM THE OFFICE OF THE Rustenburg
HEAD: ELECTRICAL ENGINEERING SERVICES
DIRECTORATE TECHNICAL
AND INFRASTRUCTURAL SERVICES



DIRECTORATE : OFFICE OF MUNICIPAL MANAGER
ATTENTION : COMMUNICATIONS OFFICER
REFERENCE : LOAD SHEDDING

Load Shedding

Load shedding is an ongoing nationwide process affecting all. Eskom may at any given time declare a system emergency stage in order to stabilize the power system and Rustenburg is also affected.

The municipality will start with the load shedding program as and when requested by Eskom. The load shedding will affect different areas in blocks of currently **two hours throughout each day**.

The load shedding affecting the Municipality is dependent on the load to be reduced as well as when it must be reduced.

The municipality is requesting its top users to reduce consumption so that the city is minimally affected by the program and the public is urged to use electricity sparingly. Residents are advised to switch off all electrical appliances in order to avoid possible damage when the power is restored and to treat all electrical installations as being alive at all times.

Presently Rustenburg Local Municipality participates on 3 levels:

1st Level: Reduction in load of 20MVA (Stage 1). The entire distribution area is divided into 6 groups which will be rotating on a **3-hourly** cycle except for the 06:00 to 08:00 and the 20:00 to 22:00 slots.

2nd Level: Reduction in load by 40MVA (Stage 2). The entire distribution area is divided into 3 groups which rotate on a **3-hourly** cycle except for the 06:00 to 08:00 and the 20:00 to 22:00 slots.

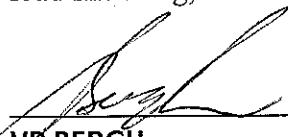
3rd Level: Reduction in load by 65MVA (Stage 3). The entire distribution area is divided into 2 groups which will be rotating on a **3-hourly** cycle except for the 06:00 to 08:00 and the 20:00 to 22:00 slots.

The reason is that Rustenburg has no other choice than having 6 groups as indicated on the attachment that was mailed to you. With a 2 hour timeslot, areas will be effected twice a day in order to spread over the time slot Eskom required. (06:00 up to 22:00)

Customers indicated during the 2008 crisis that they rather prefer being off for a longer period but only once a day in-stead of twice a day.

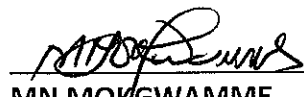
The longer timeslots will also reduce the amount of switching operations on the switchgear which in turn reduce future maintenance and unnecessary hammering on the switchgear.

The schedules are an indication of how the distribution area has been divided. Should there be load shedding, it will follow the time schedule of the particular day in a repeating circle.



VP BERGH

ACTING UNIT MANAGER: ELECTRICAL ENGINEERING SERVICES



MN MOKGWAMME

DIRECTOR: TECHNICAL AND INFRASTRUCTURAL SERVICES