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Load limiting project

2

Customer prompts

An hour before the start of loadshedding, the system will prompt customers to reduce their consumption from 60/80 Amps to 10 Amps by sending a message to the customer interface unit (CIU) and cellphone. Customers will be provided with four opportunities to reduce their consumption and thereafter, if the load has not been reduced the meter will automatically switch off the electricity for the duration of loadshedding.

3

Appliances that can be used during load limiting:

- Lights
- TV
- Laptop
- Wi-Fi router
- Fridge
- Security systems

The Project will focus on selected customers with smart meters in the area. Load limiting through smart meters will be implemented to better balance the supply and demand of electricity on the grid during stages 1 to 4 of loadshedding allowing customers to continue to use essential appliances with the capacity of up to 10 Amps.

4

Benefits of load limiting:

- Using essential appliances during loadshedding.
- Assist Eskom to balance the required load against available supply in an effort to reduce the impact of loadshedding.
- Increased grid reliability, electricity for the duration of loadshedding.

Charging of batteries through inverters during load limiting, will increase the load to above 10 Amps therefore the meter will automatically switch off the electricity.

5

Some appliances to be switched off during the load limiting:

- Geysers
- Underfloor heating
- Pool pumps
- Stove
- Washing machine



For more information contact Eskom at loadlimiting@eskom.co.za