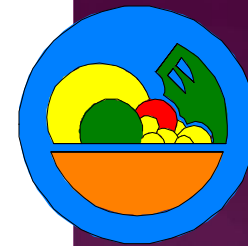


# AMEU WORKSHOP ON SSEG ABOVE 1MVA

BHEKI TSHAWÉ  
GREATER TZANEEN MUNICIPALITY  
12 MAY 2021

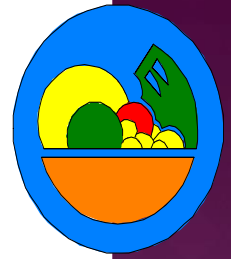


## POTENTIAL RISKS

GTM has got nine customers with NMD above 1MVA. Three of them are already on SSEG. If all can decide to install SSEG above the 1MVA threshold, then there will be:

- ◉ Loss of revenue from large customers who will generate and use municipal electricity as base load
- ◉ System instability due to lack of systems to determine the impact of SSEG in the network.

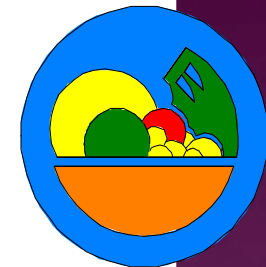
GTM has no SSEG tariff which may result to heavy revenue loss



# BENEFITS

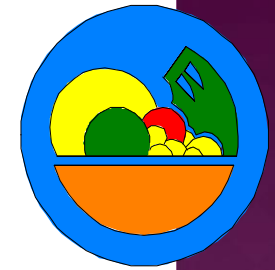
GTM cannot currently really realize direct benefits except that there will be:

- ◉ Reduced Eskom NMD on intake point
- ◉ Averting of load shedding
- ◉ Purchase of cheaper electricity
- ◉ Cheaper electricity purchase from excess electricity feedback to the system can only be realized when SSEG tariff is in place



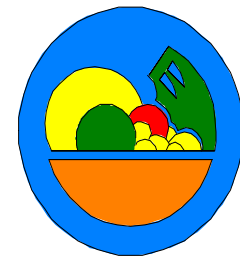
# CONSTRAINTS TO BENEFITS

- ◉ The constraints for benefits by GTM currently is primary directed to the unavailability of SSEG tariffs
- ◉ No QoS measuring equipment to determine the impact of SSEG on the network
- ◉ No bi-directional metering technology in place to measure purchase of feedback electricity to be purchased at a much reduced rate
- ◉ .
- ◉ No SSEG tariff to rate purchase of feedback electricity.



# SUPPORT FOR BENEFITS

- ◉ The support required is the continued training on SSEG in general and tariffs in particular.
- ◉ Determination of SSEG tariff structure
- ◉ Identification of suitable bi-directional metering technology
- ◉ Funding of bi-directional metering technology
- ◉ Funding for QoS equipment



Thank you