

Circular 047-2024

22 May 2024

Dear Residents,

KEY REVISION NUMBER UPDATING AND RECODING OF PRE PAID METERS

As many of you might be aware, all pre-paid electricity meters are at risk of a malfunctioning from the 24 November 2024 without a critical update.

The update involves entering a 20-digit Key Revision Number (KRN) code. From 24 November, every Standard Transfer Specifications-compliant prepaid electricity meter will stop accepting new voucher tokens unless it receives a Key Revision Number (KRN) code. This is because one of the anti-fraud measures built into STS-Compliant prepaid systems is a timer that started counting from 1 January 1993. Each credit token has a unique token identifier (TID) encoded in the 20 digits to prevent reusing tokens multiple times. The TID is referenced to a base date of 1993 and will run out of range in November 2024. Known as the TID rollover event, thus causing the prepayment meter to stop accepting new tokens. This type of issue is referred to as a time storage or date rollover bug.

To this effect, Voltano will be tending to the necessary updating of prepaid meters during the month of June 2024.

As soon as we have confirmed dates and times from them, we will be communicating with you to assist them with access to your meters to do the necessary programming.

Regards



Wilma Swart
Village Manager