



STS ASSOCIATION

STANDARD TRANSFER SPECIFICATION

TID Rollover 2024 status

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Setting the record straight

- The STS Association (STSA) is a standards organisation:
 - Is the custodian of the Standard Transfer Specification
 - Performs product conformance certification
 - Provides key management services to utilities and sub-metering entities
- The TID rollover functionality requirements:
 - Have been in the STS standard since inception in 1993
 - Every 31 years the TID memory in the meter has to be reset and cryptographically upgraded to a higher level of security as recommended by NIST
- Responsibilities in TID rollover execution process
 - STSA can only act in advisory capacity and as an information resource
 - **UTILITIES ARE RESPONSIBLE TO MANAGE METER RESET OPERATIONS**



What initiatives has the STSA undertaken?

- STSA embarked on an awareness campaign in 2014
 - Delivered notifications and guidelines to SGC users
 - 100% ESKOM coverage
 - 99% of MUNICS coverage
 - 72% of SUB-METERING entities
- Engaged with Stakeholders
 - SALGA, SANEDI, AMEU, ESKOM, COGTA/MISA, National Treasury, SAPOA, ERASA, SARPA
- Extensive communications drive
 - Conferences, webinars, workshops and social media



SALGA engagement

- Formation of Industry Committee in 2020
 - Constituted under SALGA
 - To distribute notifications and guidelines to 164 SALGA members
 - To monitor municipal progress in TID Rollover programs
 - Holding 3-monthly meetings to review status/progress
 - Several workshops held with SALGA members
 - Membership surveys on progress
 - SALGA living web dashboard, munics are self-reporting on progress
- Industry responses have generally been slow and poorly attended
 - **THIS IS OF MAJOR CONCERN**



NATIONAL TREASURY engagement

- RT29 bid specification committee
 - Constituted under NT in August 2022
- Transversal tender to cover:
 - Execution of the TID rollover meter reset program
 - Supply, installation and maintenance of smart metering infrastructure in compliance with NRS049
- Aim to publish the tender during October 2023
 - **Basically 1 year late already**



Current status

- SALGA (munic) perspective (ala dashboard <http://www.salga.org.za/event/sts/Home.html>)
 - 4.4m meters total meters to reset
 - 1.6m (36%) meters reset thus far
 - 144 (87%) of 164 munics have started their programs
- ESKOM perspective
 - 6.6m meters total to reset
 - Completed their trial phase
 - Ready to roll out
- STSA perspective (ala KMC)
 - 280 munics with SGCs on base date 1993
 - 278 (99%) have received notifications
 - 178 (64%) munics have started their programs (SGCs on base date 2014)



THANK YOU FOR YOUR ATTENTION

