

NATIONAL INDUSTRY UPDATE ON THE TOKEN IDENTIFIER (TID) ROLL- OVER PROJECT

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Presentation Outline



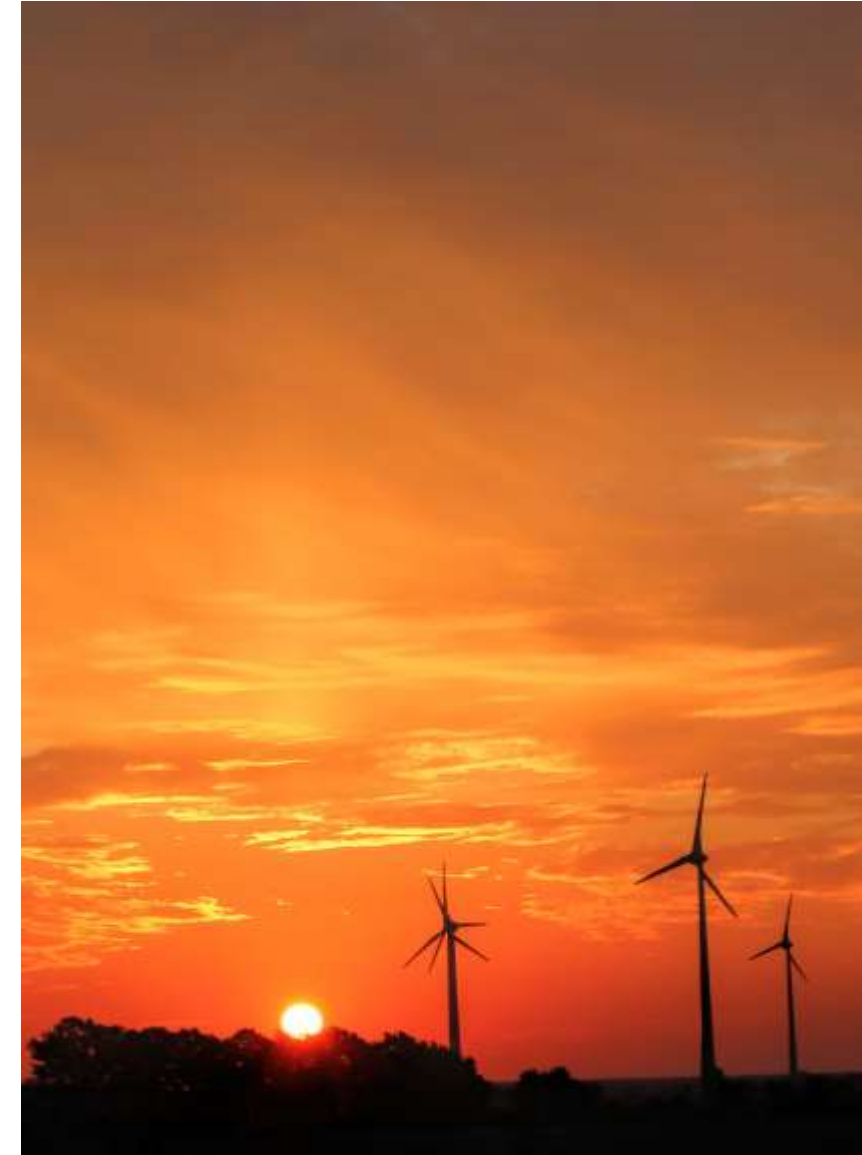
1. TID Background
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TID Background



- In May 2020 Standard Transfer Specification (STS) Association issued a critical notice affecting all prepayment meter users including suppliers.
- Notice: - **On 24 November 2024**, all prepaid meters based on STS technology will stop dispensing electricity – **Unable to Vend/Accept Token**
- All electricity prepaid meters were upgraded from KRN1 to KRN2 via key change tokens (**Field Approach / Customer Approach**).
- Three industry workshops were conducted.
- The ESI began TID project in January 2023 and planned to finalize the implementation process by 31 July 2024 (buffer time before 24 November 2024 deadline).
- The ECB had been enabling, monitoring implementations, creating awareness and issuing directives.



ESI TID National Update as at 24 November 2024



National TID Progress - Meter & Licensee Numbers

338,743
Number of Meters

31
Distribution Licensees

329,675
Meters Rolled Over

97%
Meters Rolled Over %

16
100% Compliant

15
>50% Compliant

9,068
Meters to be rolled over

3%
Meters To Be Rolled Over %

0
<50% Compliant

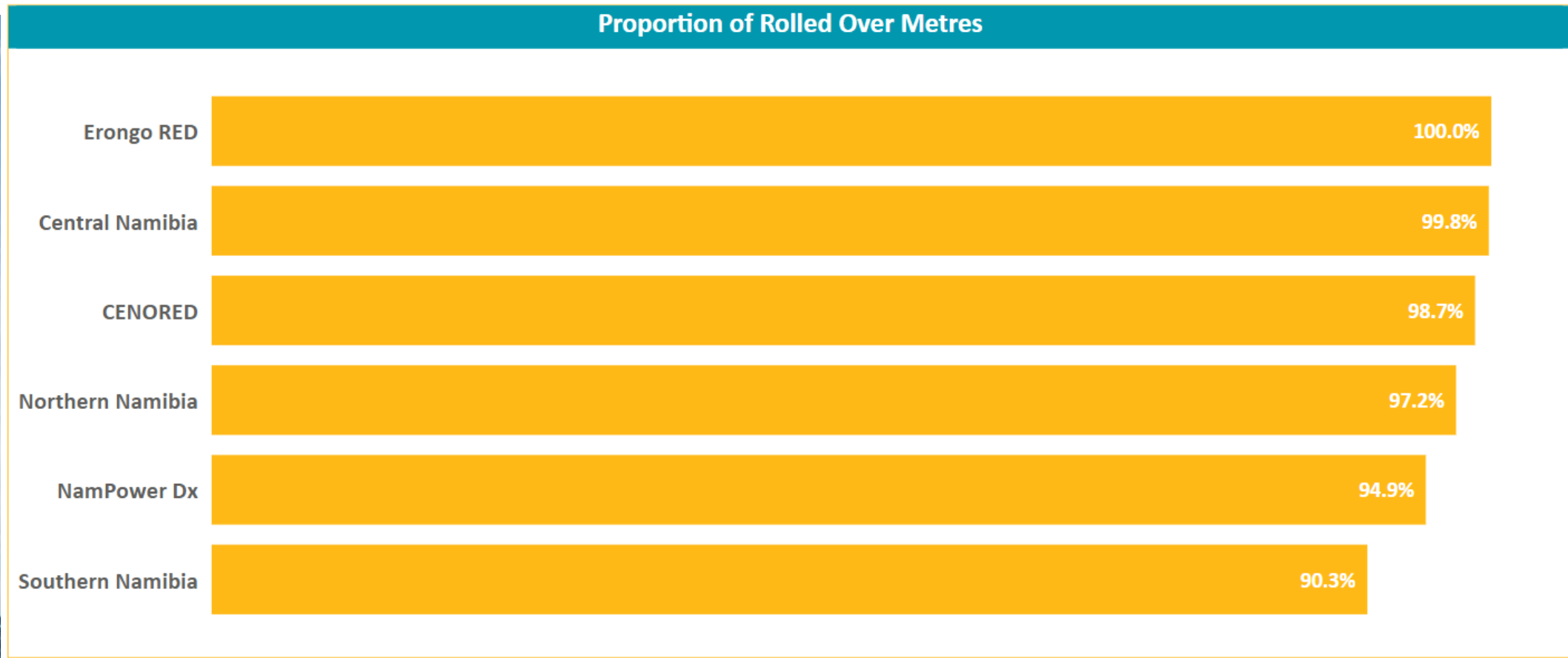
0
0% Compliant

TID PROJECT OUTSTANDING PRE-PAID METERS TO BE ROLLED OVER

Total meters to be rolled over	Meters not compatible to STS6 (Replacement)	Meters blocked for TID Project	STS6 compatibility and meters not blocked not confirmed by licensees
9068	6596	2472	0



ESI TID Update contd..



Distribution Area	Meter Rolled Over %	Meter Rolled over	Meter To Be Rolle Over	Meter To Be Rolled Over %
Erongo RED	100.0	41,582.00	-	0.00
Central Namibia	99.8	60,413.00	119	0.20
Cenored	98.7	53,587.00	689	1.29
Northern Namibia	97.2	129,956.00	3,684	2.83

Challenges and Lessons Learned



- No access to meter (House locked, customer works in other town)
- Access refusal, poor network communication, and data integrity - vending
- Meter not compatible with the STS6 technology (replacement required) –
Arrangement between licensee and customers (credit tokens/ conventional meters)
- Network Infrastructure alterations to accommodate smart metering (additional cost).
- Back charging customers that bypassed and tampered meters (1500 PPM)
- Installation of split meters for the customers that tampered or bypass meters –
Revenue Protection exercise with significant revenue recovery & data cleansing
- Future use of branded meter seals with coded number as Revenue Protection initiative



TID Way Forward



- Carry out meter audit (after every two years) in addition to a monthly customer purchasing monitoring.
- Distribution company plan before the implementation TID year and apportion adequate resources to the project.
- Non compatible meters replacement for revenue collection and continued uninterrupted power supply.
- Possible extension on Key Change Token generations until 31 May 2025 – **Not recommended for Namibia as credit purchase will not be possible.**
- Awaiting post project analysis reports from the licensees- ECB to prepare industry TID report





ELECTRICITY CONTROL BOARD

THANK YOU

