Odida Case Study.

Odida Ogidi before the project.

A typical Nigerian village of 1,500 residents, with school, health centre and small business activity

Estimated billing

Supply confusion

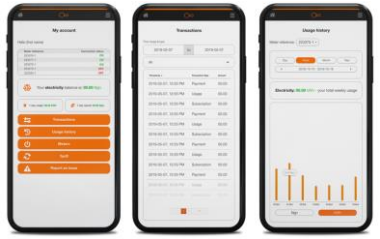
Inequitable billing

Irregular supply times

Reliance on generators

3-4 hours of power a day

Lack of faith that power supplied would be paid for



SteamaCo solution.

300 smart meters + AI – a first of its kind in Nigeria

165% increased availability of power - 4 to 10.6 hrs

93% increase in revenue for the DisCo

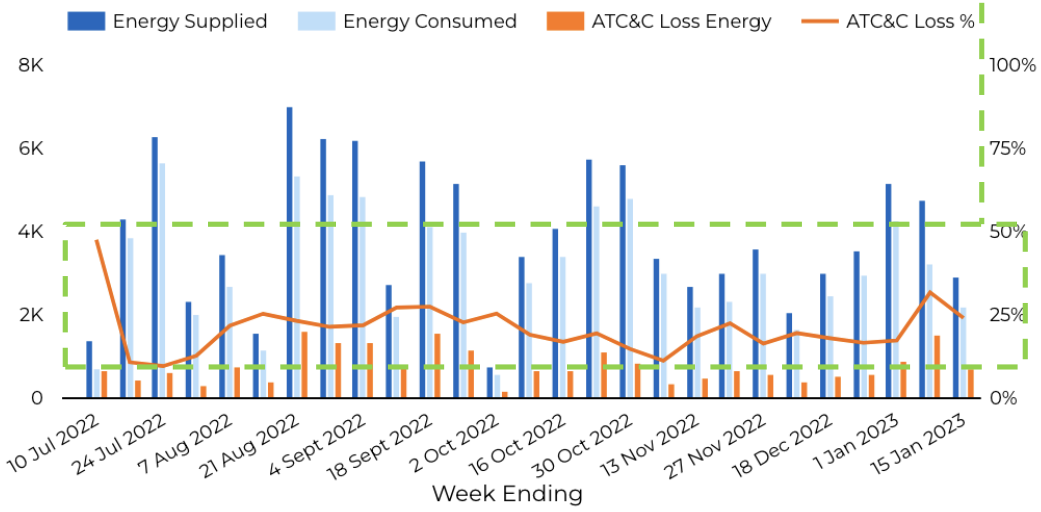
Improved security, productivity and quality of life

By providing increased power - backed by revenue assurance, everyone wins

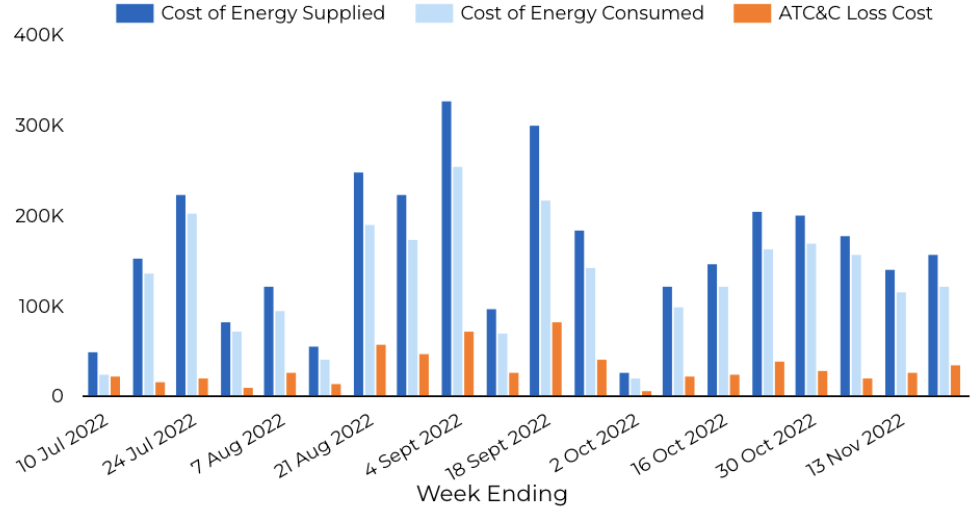
Time Range: 9 Jan 2023 - 15 Jan 2023

NOTE: ATC&C losses almost fully driven by unresolved Technical Loss

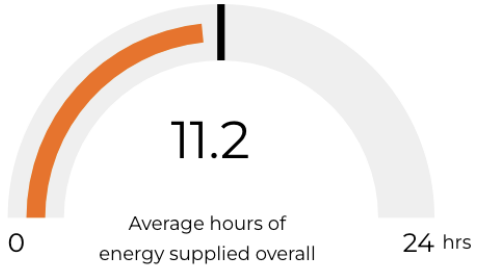
Energy (kWh)

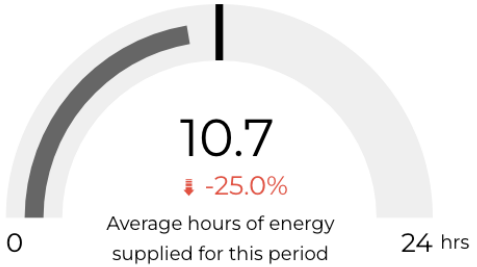


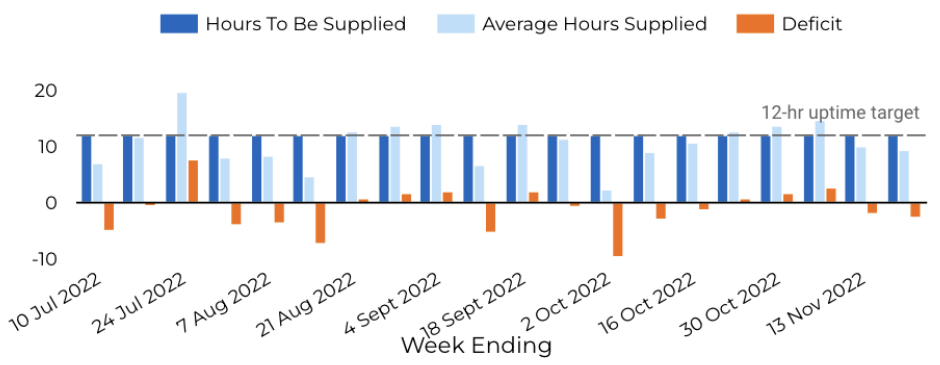
Revenue (Naira)



Uptime





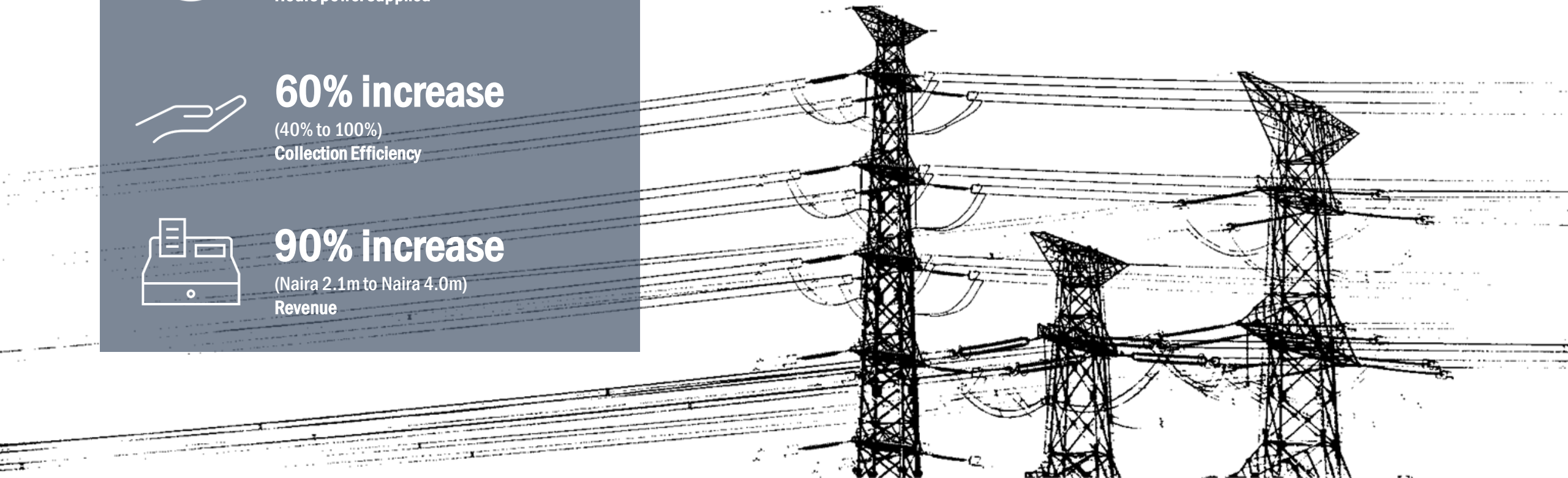


Across the board increases in site performance: power supplied, Collection Efficiency, and revenue generated.

2.6x increase
(4 hrs to 11.2 hours)
Hours power supplied

60% increase
(40% to 100%)
Collection Efficiency

90% increase
(Naira 2.1m to Naira 4.0m)
Revenue



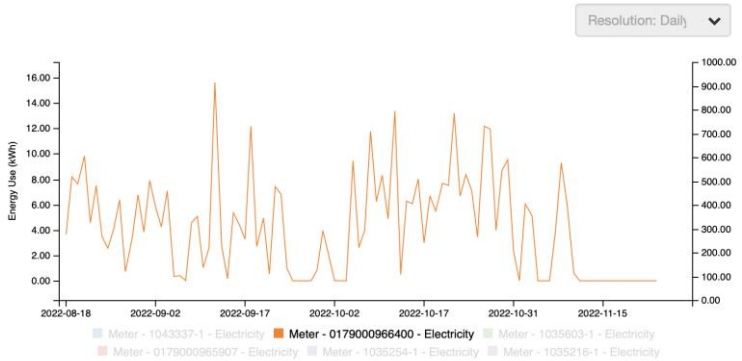
Backed by Artificial Intelligence (AI) ATC&C Loss Detection.

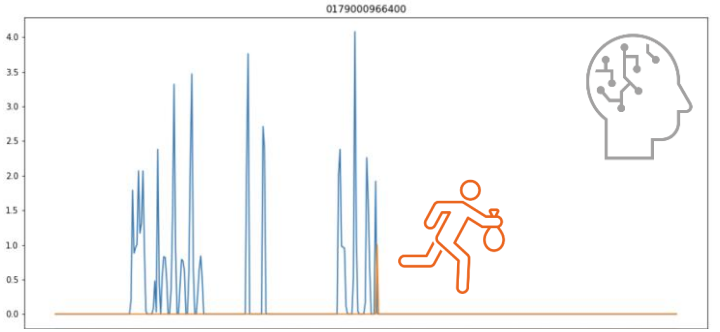
Detection

- Full bypass ---------- 75%
- Partial bypass ---------- 62%
- Illegal connection ---------- 67%

Avg. time to detection ---------- 2 days

Time saving to detection ---------- 98% reduction





Thanks.

Interested to learn more?:

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