

MEASURED CLIENT OUTCOME

How data avoided a UGX 100M transformer purchase and recovered UGX 40M in billing variance

One monitoring deployment settled two questions QCIL had been weighing on assumption alone — proving the existing transformer was not overloaded, and quantifying twelve months of variance between metered and invoiced consumption. Two decisions, one evidence base.

CLIENT

Quality Chemical
Industries Ltd (QCIL)

SECTOR

Pharmaceutical
Manufacturing

LOCATION

Kampala, Uganda

ENGAGEMENT

September 2022

Measured outcomes

UGX 100M

Capital expenditure avoided

Transformer replacement decision reversed after metering proved the existing unit was not overloaded

UGX 40M

Billing variance recovered

Independent meter data used to reconcile invoiced against metered consumption and recover the difference

Data-driven

Decision basis

Both outcomes achieved through verified meter readings — not estimates or assumptions

Pharmaceutical · Manufacturing · Billing Verification · Transformer Management · Tariff Analysis

HOW THESE FIGURES WERE PRODUCED

Sub-meters were installed on the circuits that matter at this site and read continuously on the Orijtech Energy platform. Every three-phase meter takes three current sensors. The figures above are drawn from that metered record — not from estimates, projections or modelled savings.

The full write-up, including what the data showed and what was decided on the strength of it, is published at orijtechenergy.com/case-studies/qcil-transformer-and-billing-savings.