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LAGOS CITY TWIN / ENERGY

Energy

Domain Guide

Explore connection status, tariff context and contracted load before reviewing the wider service and reliability scope.

City	Lagos
Coverage	Public sample available
List price	$4,995 USD - standalone domain
Guide edition	Striped Donkey V5.89 - 7 September 2026

Use this guide

Read the documented coverage and limitations alongside the published sample and release evidence. Model counts and sample distributions describe their stated source and period. The final accepted order specifies licensed scope, usage rights, duration and delivery.

Useful questions

- Compare connection and tariff categories
- Inspect connection dates and service status
- Review load and household context

Scope and limitations

FCTE stores plausible grid, demand and service context for urban analytics; it is not a power-systems solver and does not claim voltage-drop, phase-balancing or grid-stability simulation.

Lagos supports commercial energy context, but not every electricity representation carries the same direct customer-identity coverage. Public analytics use the perspective appropriate to the question.

FCTE does not merge independent service and infrastructure perspectives into a single internal data structures merely for presentation. The marketplace exposes a common semantic layer instead.

The catalog distinguishes defined checks from executed results. A PASS is only presented when supported by a captured certification outcome.

Inside this guide

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01 How Energy fits the City Twin.

FCTE represents electricity through two complementary service perspectives : a grid-to-customer layer for access, billing and outages, and a broader utility layer for providers, network assets and commercial service context. The public site shows how those perspectives relate without exposing their internal data design.

Lagos includes both household and commercial energy context. Coverage is intentionally described at the semantic level; exact assignment rules, generation model targets, source-field mappings and execution order remain controlled internal methods.

Every public claim is grounded in release evidence, regulatory context or certification. Representative relationships are shown for evaluation; internal data structures and engine internals are not published.

Lagos City Twin™

02 Known and possible relationships.

Connections follow the published domain scope. Optional, contextual and planned relationships retain their stated limits below.

Domain or context	Relationship and published scope
Grid / utility context	service access
Service access	Household
Service	Area / Ward
Utility service	Business / institutional consumer - Lagos release
Reliability events	service area

Supporting links

Power

Housing

Environment & Climate

03 Access, billing, reliability and infrastructure - connected without publishing the engine blueprint.

FCTE's Energy domain combines complementary analytical perspectives that were built for different questions. The public site presents the shared data model while keeping physical table layouts, field mappings and generation dependencies private.

Residential, commercial and service categories describe who receives electricity and under what service context.

Residential and commercial service context can be analyzed as distinct consumer types without publishing identity-assignment mechanics.

Generation, transmission, distribution and alternative-supply context support city-scale energy analysis.

Longitudinal consumption and billing context supports affordability, demand and service analysis.

Grid and utility assets provide the physical context beneath electricity service. See Infrastructure → .

Outage, restoration and service-quality context allow access and reliability to be studied separately.

□□ Public semantic relationship · □□ Disclosed boundary.

• Customer service and metering context

• Household linkage represented in the release

• Area-level outage and demand context

• Provider and network-service context

• Residential and commercial service relationships

• Defined certification coverage reported at outcome level

Supporting links

Infrastructure →

04 Follow electricity service into one household.

This public traversal shows the service lifecycle semantically. Exact assignment rules, generation order, starting configurations, workflows and internal orchestration are not published.

The Lagos release represents electricity as a connected longitudinal service context. The public page shows the analytical chain and certification outcome; internal mechanics remain controlled.

05 Electricity access is useful only when service quality is visible too.

A ward-level electrification indicator provides an analytical view of service access. The public site exposes the indicator and regulatory context, while exact source joins, denominator construction and generation model targets remain controlled.

Certification definitions cover release completeness, billing plausibility, tariff consistency, event ordering, grid-quality context and geographic coverage.

Access and reliability remain deliberately separate concepts: a household can have electricity service and still experience outage or restoration events. Exact event-generation distributions and calibration thresholds are not public.

06 Release-backed utility model and regulatory evidence.

Public entity family	Represents	Disclosure boundary
Energy service context	Household/business access and service-status context	Exact access targets and assignment rules are controlled
Metering & billing context	Consumption and billing relationships through time	Physical meter/billing data structure and formulas are controlled
Network asset context	Generation, transmission and distribution context	Physical network topology is not published
Reliability & maintenance	Outage, maintenance and service-quality context	Operational simulation mechanics are controlled

07 Inspect the published utility surface.

The public site documents the modeled utility entities, regulatory anchors and certification maturity. Internal generation workflows, sequence and orchestration are not published.

Lagos-only.

08 Certification definitions exist; execution status is reported separately.

The Lagos Energy domain has defined validation coverage across service access, billing, tariffs, reliability and geographic completeness. The public site reports what is defined and what has actually been executed without exposing rule design.

Where a completed run is not captured in the catalog, FCTE does not infer a PASS from the existence of a rule definition.

09 What Energy does not claim.

FCTE stores plausible grid, demand and service context for urban analytics; it is not a power-systems solver and does not claim voltage-drop, phase-balancing or grid-stability simulation.

Lagos supports commercial energy context, but not every electricity representation carries the same direct customer-identity coverage. Public analytics use the perspective appropriate to the question.

FCTE does not merge independent service and infrastructure perspectives into a single internal data structures merely for presentation. The marketplace exposes a common semantic layer instead.

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Supporting links

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10 Ready to work with Energy?

A real Connection row, connected 2020-05-01 - 5,085,610 currently live on Lagos (Nairobi: 1,410,787).

Confirmed live: the first five energy. Outage rows on Lagos and Nairobi match exactly - same codes, same affected-customer counts, same timestamps - despite the cities' very different connection scale. This points to a generation starting configuration that isn't city-varying; disclosed here as a real, unresolved defect, not hidden.

Lagos supports commercial service analysis through the utility-service perspective.

Service interruptions and restoration can be studied as dated events.

Electricity service is presented as a semantic city relationship; the internal dependency design remains private.

Available as Standalone Domain · Multi-Domain Bundle · Full City Twin™

Supporting links

See Infrastructure →

See Employment →

Explore the City Twin →

Review licensing & delivery details →

View Pricing & Licensing →

Browse Energy Data →

Infrastructure

Employment

Explore Multi-Domain Access →