

# CASSAVA PLANT & 400-UNIT ESTATE IPP

Mile 2 Roundabout, Festac, Lagos

SITE VISIT: 17 JUNE 2025 MUNAJ & FT

PROJECT VALUE

**\$6M**

Est. Investment

POWER CAPACITY

**2.2**

MW (2x1.1MW)

ESTATE SIZE

**400**

Housing Units

SITE AREA

**25**

Acres Total

## KEY PROJECT BENEFITS

Project enables deployment of multiple 1.1 MW gas generator units

Gas pipeline can be drawn to site - reducing operational costs

Separate revenue streams across multiple Mikano divisions

## EQUIPMENT ASSESSMENT

### FG Wilson Generators (2 Units)

**REPLACE**

MODEL

**FG Wilson P500P3**

CAPACITY

**500 kVA each**

YEAR

**2007**

CONDITION

**Old**

## Caterpillar Generators (2 Units)

**REPLACE**

MODEL

**CAT 550F**

CAPACITY

**500 kVA each**

YEAR

**2003**

CONDITION

**Old**

## Backup Generator

**REPLACE**

MODEL

**JMG**

CAPACITY

**50 kVA**

YEAR

**Unknown**

CONDITION

**Good**

## Transformer

**REPLACE**

MODEL

**Long & Crawford**

RATING

**630 A / 11 kV**

YEAR

**1960s**

CONDITION

**Poor**

## RISK ASSESSMENT

### HIGH PRIORITY RISKS

- Transformer unit is 60+ years old—could fail any time

### MAJOR OPPORTUNITIES

- Project size will enable us to sell multiple units of 1.1 MW generators
- Sponsor's portfolio opens door to more projects
- Gas pipeline can be drawn to site

## IMMEDIATE ACTION ITEMS

**1**

## CLIENT DATA COLLECTION

- Load curves from cassava machinery
- Electrical drawings of existing setup
- Land ownership documents
- Schedule second site visit with technical divisions for BOP

**2**

## GAS PIPELINE SURVEY

- Confirm pipeline source location
- Contact NGML for availability
- Contact Axella for connection options
- Verify pressure and capacity

**3**

## POWER INFRASTRUCTURE

- Replace all existing generators
- Replace all transformers
- Install new switchgear
- Design synchronization system

**4**

## EQUIPMENT PLANNING

- 3 forklifts (one per warehouse)
- Electrical products and panels
- Lighting for factory and estate
- Construction equipment if needed