

CASSAVA PLANT & 400-UNIT ESTATE IPP

Mile 2 Roundabout, Festac, Lagos

SITE VISIT: 17 JUNE 2025 MUNAJ & FT

<div>PROJECT VALUE</div> <div>\$6M</div> <div>Est. Investment</div>	<div>POWER CAPACITY</div> <div>2.2</div> <div>MW (2×1.1MW)</div>
<div>ESTATE SIZE</div> <div>400</div> <div>Housing Units</div>	<div>SITE AREA</div> <div>25</div> <div>Acres Total</div>

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

<div>FG Wilson Generators (2 Units)</div>		REPLACE
MODEL	YEAR	
FG Wilson P500P3	2007	
CAPACITY	CONDITION	
500 kVA each	Old	

<div>Caterpillar Generators (2 Units)</div> <div>REPLACE</div>	
MODEL CAT 550F	YEAR 2003
CAPACITY 500 kVA each	CONDITION Old

<div>Backup Generator</div> <div>REPLACE</div>	
MODEL JMG	YEAR Unknown
CAPACITY 50 kVA	CONDITION Good

<div>Transformer</div> <div>REPLACE</div>	
MODEL Long & Crawford	YEAR 1960s
RATING 630 A / 11 kV	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