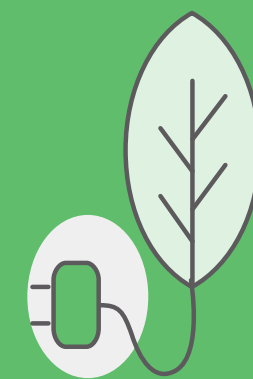




Junaid Synergy Limited



Power Backups



Power Generation

Proposal to the Executive Planning Committee,

INDUSTRIAL & MEDICAL GASES NIGERIA PLC.

Plots 1-3, Block H, Apapa- Oshodi Expressway,
Lagos State Nigeria.

May 12, 2025

PROPOSAL FOR A 3MW IPP FOR THE PROVISION OF POWER TO INDUSTRIAL & MEDICAL GASES NIGERIA PLC.



May 12, 2024

OUTLINE

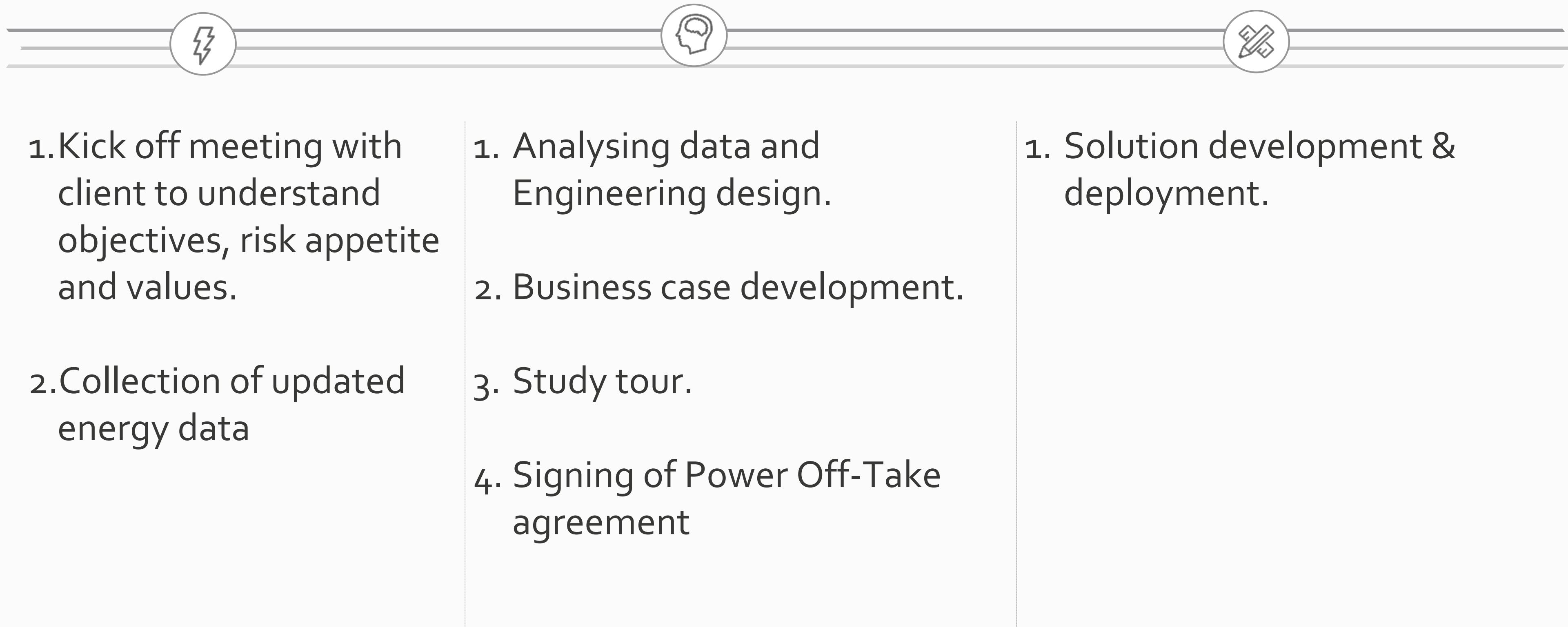
- » OVERVIEW
- » COMMERCIAL PROPOSITION
- » BENEFIT OF JSL POWER SOLUTION
- » JSL KPI TARGET
- » PROJECT DEVELOPMENT WORK PROGRAM
- » INTRODUCTION TO JUNAID SYNERGY LIMITED
- » NEXT STEPS
- » OUR CLIENTS
- » PARTNERS
- » CONCLUSION.

OVERVIEW

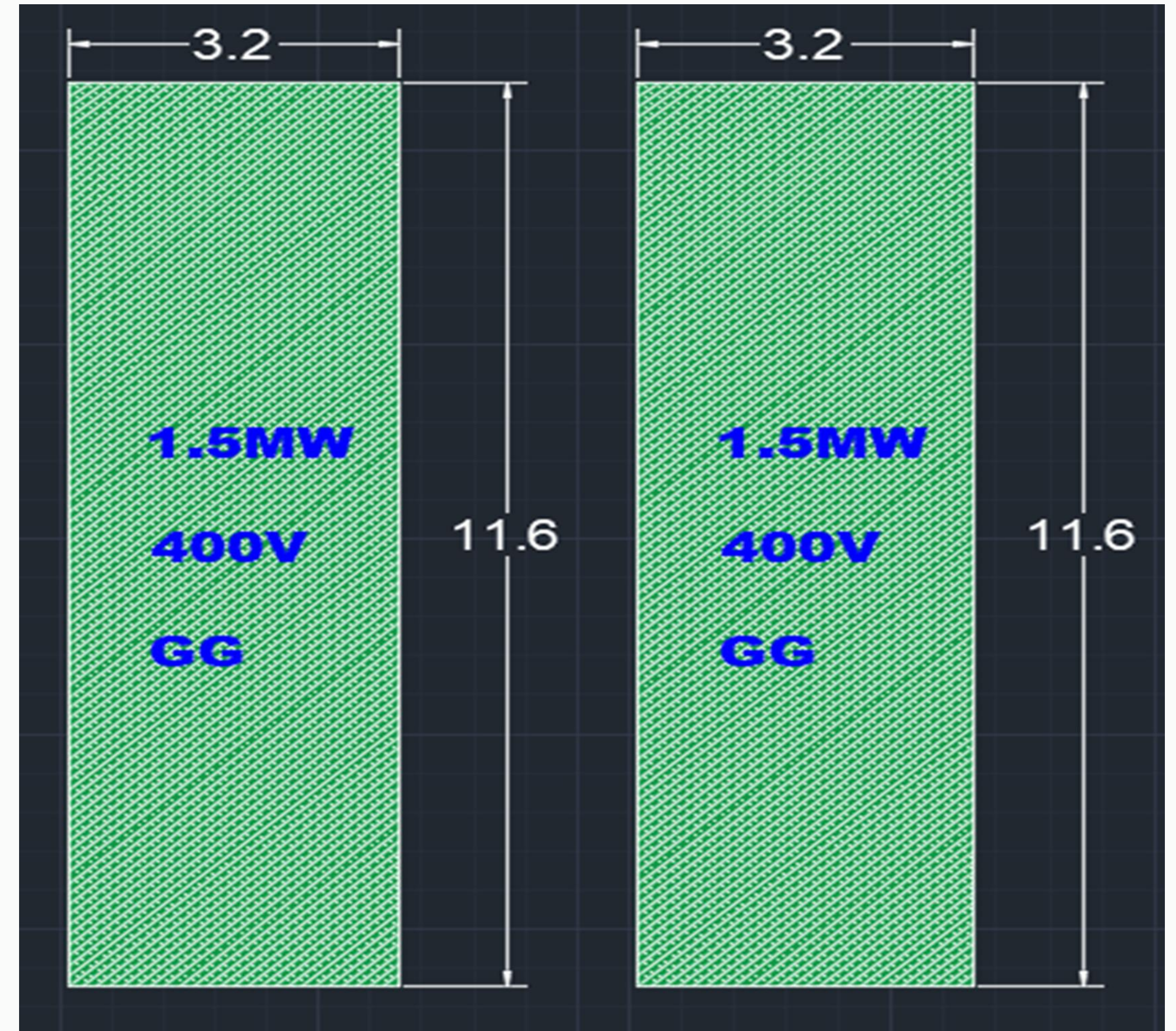
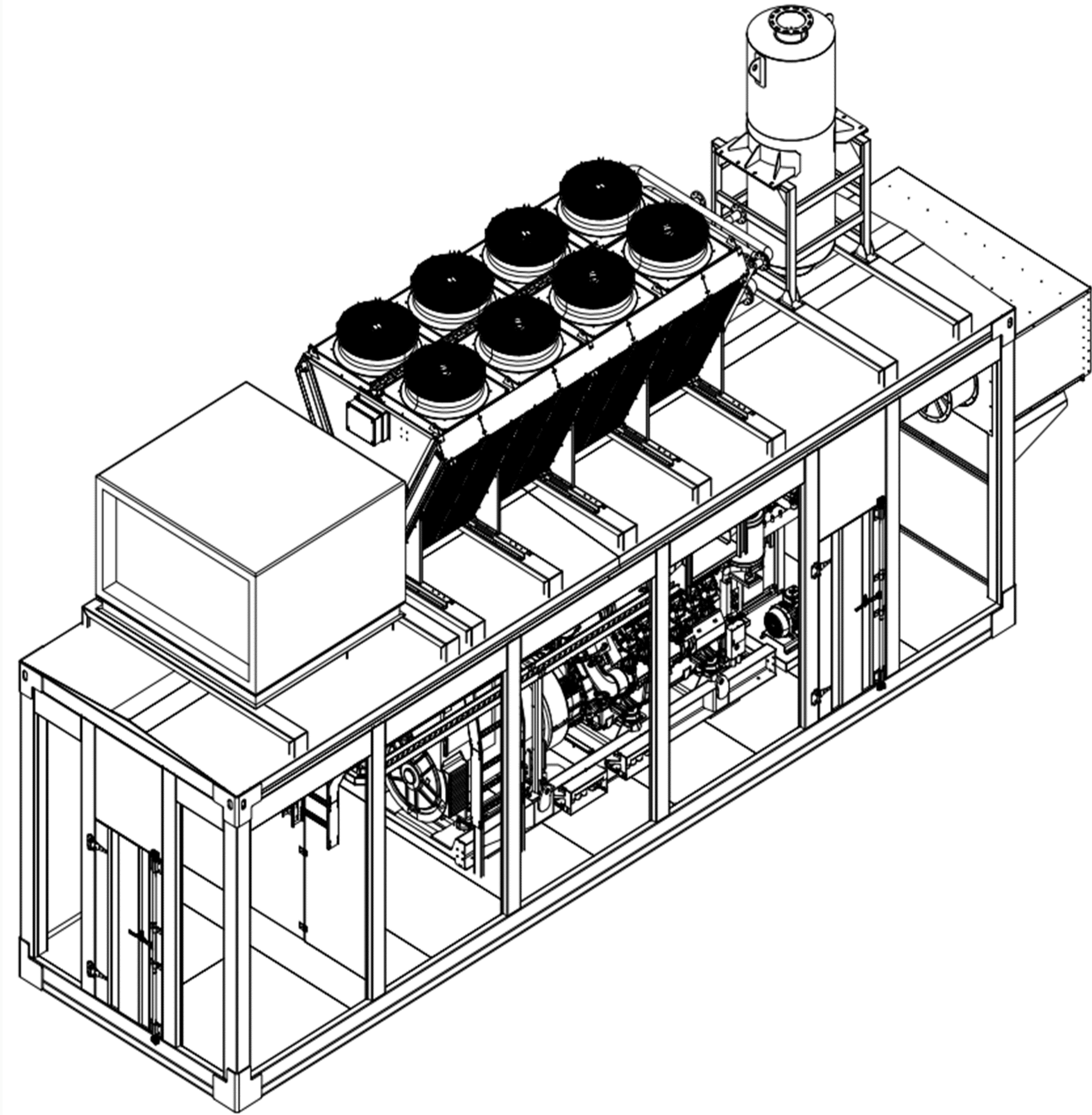
- » Junaid Synergy Limited is primarily a Power Backup and Power Generation company that design and deploys Power Projects using EPC or BOO model.
- » Junaid Synergy Limited is currently doing an IPP Project, for “Power as a Service” to a major Data Centre in Oregun and a Top Rank Hotel in Ikeja, Lagos State, as a standalone system.
- » This type of IPP project has been embraced by some blue-chip companies within Nigeria in a bid to resolve the issues of inadequate power supply within the area.
- » Junaid Synergy Limited is offering to deploy 2 units of 1.5MW Gas Generator for I&MGN PLC with Junaid Synergy Ltd covering the OpEx and CapEx, while I&MGN PLC supply the Fuel and pays for the electricity produced with guaranteed performance levels; KPI's.

SYSTEM DESIGN

The project will be executed in the following phases:



SIMPLIFIED BLOCK DIAGRAM OF GAS FIRED SYSTEM



MAJOR EQUIPMENT TO BE DEPLOYED

- » 2 units 1.5 MW Gas Generators.
- » Generator Spares
- » Synchronization Panel



COMMERCIAL PROPOSITION

S/N	ITEM DESCRIPTION	AMOUNT (NGN)	TERMS/COMMENT
1	Tariff per kWh	NGN95.6/kWh	\$0.06/kWh using April weighted FX rate on NFEM of \$1:NGN1594.55
2	Duration	-	60 months
3	Take or Pay Quantity	-	80% of Installed Capacity (3MW)
4	Civil Works & Cabling	-	By I&MGN PLC
5	Commissioning & Associated Cost	-	By JSL
6	Water & Fire Hydrants	-	By I&MGN PLC
7	Invoice Net Due	-	Within 7 working days of invoice submission by JSL
8	Force Majeure	NGN 0/kWh	As will be defined in the Power Purchase Agreement
9	Delivery and Set-up Period	-	6 – 12 months from signing of Power Purchase Agreement
10	Bank Guarantee	NGN	3 months energy cost
11	Fuel		By I&MGN PLC

** Prices quoted are VAT exclusive

BENEFITS OF JSL POWER SET-UP

- ✓ Allows I&MGN PLC to focus on core business with power outsourced.
- ✓ Guarantee system availability and response time
- ✓ Maximized return on investment
- ✓ Elimination of Transformer cost (415V/6.6kV)
- ✓ Full onsite/ offsite support team available 24/7/365
- ✓ Remote operational support (SCADA)
- ✓ 24 hrs Power Supply. Zero downtime., No System failure from Transformer fault, Power interruption from Disco, etc.
- ✓ Risk Management
- ✓ Lifecycle cost guarantee
- ✓ Noise level: 65 DB
- ✓ Near Zero Co2 emission

KPI TARGET



POWER AVAILABILITY
FACTOR
(Worse case scenario)



SCHEDULED
MAINTENANCE

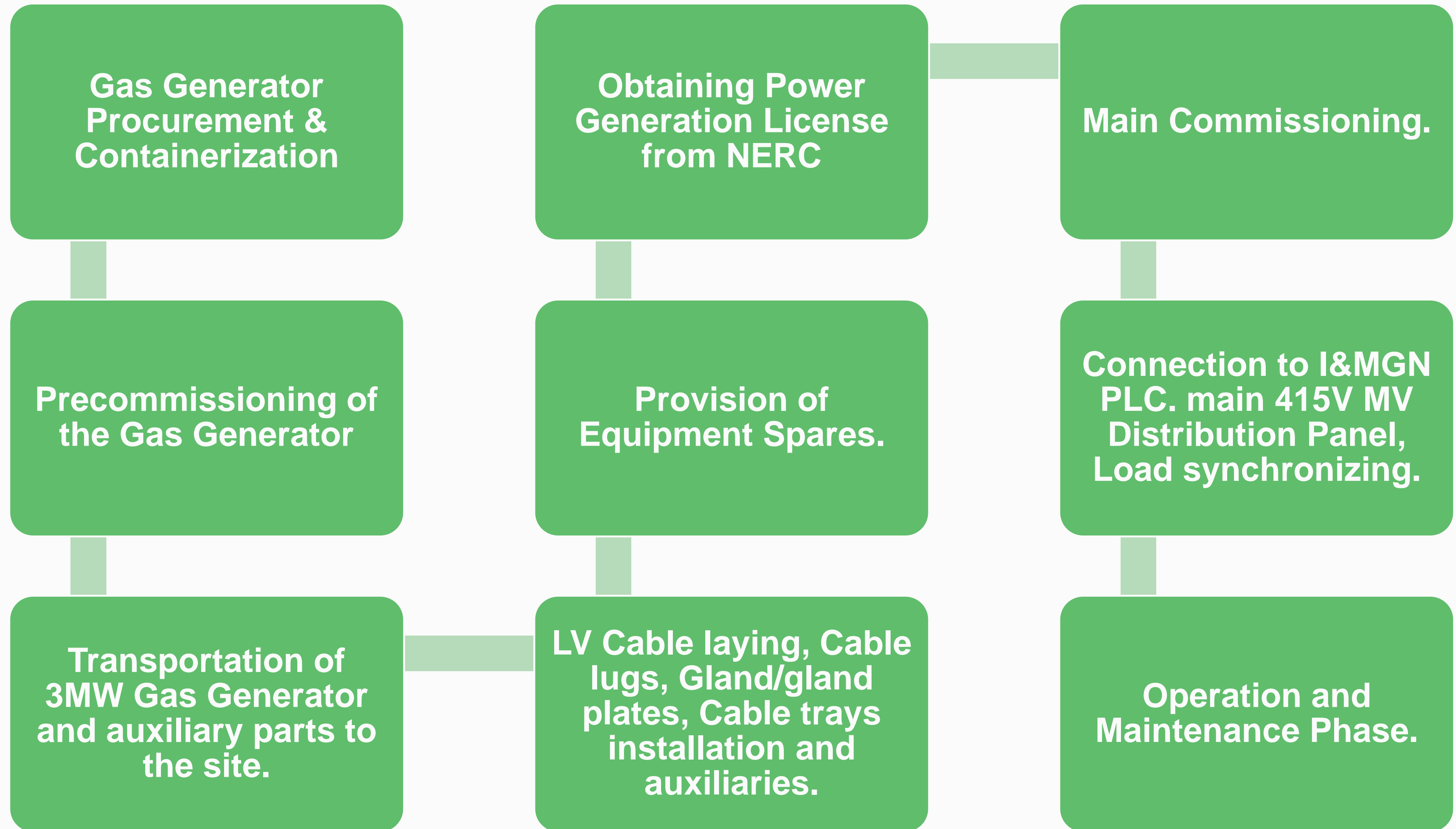


EMERGENCY REPAIRS



ACCIDENT FREQUENCY

JUNAID SYNERGY SCOPE



TECHNOLOGY SELECTION

- » The selected configuration is based on Synchronizing 2 unit of 1.5MW Gas Generator 415V, 50Hz manufactured and supplied by MTU
- » The configuration is expected to run continuously with little or no need for a standby generator.
- » Anticipated plant availability is 24hrs/day.
- » Junaid Synergy Limited has evaluated several options to arrive at this final configuration, that will provide the optimal combination of cost-effectiveness and reliability.

Plant Configuration	2×1.5MW Gas Engines
Voltage	415V, 50Hz
Fuel Type	Piped Natural Gas

A faint, light gray world map is visible in the background of the slide, centered behind the title text.

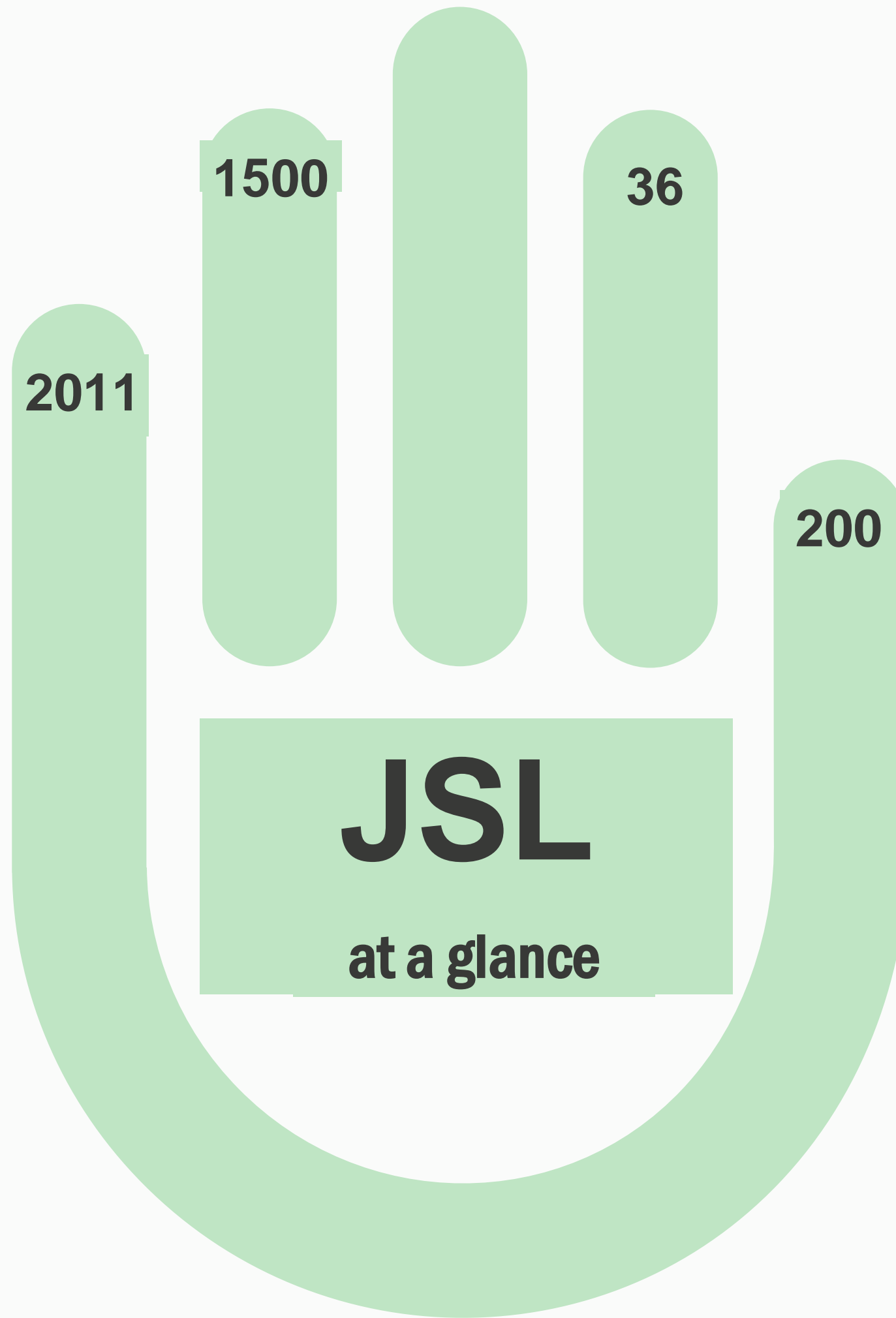
INTRODUCTION TO JUNAID SYNERGY LIMITED

**JSL was
Incorporated in
September 2011
as a Power
Company**

**Over 700 ATM's
Powered**

2011

1500



**With Combined
Installed Capacity of
over 36 MW**

36

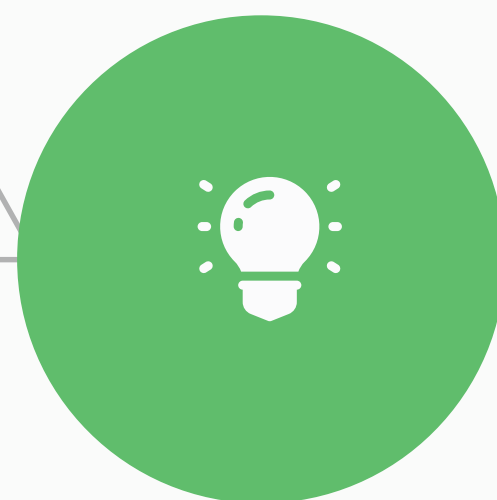
Over 200 Bank Branches


200

JSL
at a glance

MISSION

To be a major energy provider in the Nigerian energy market space



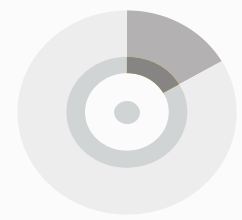

**MISSION
AND
VISION**



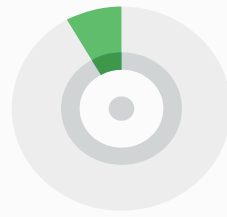
VISION

To power Africa's future and growth with clean and renewable energy

CORE VALUES



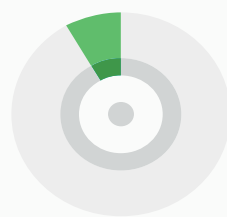
Sustainability



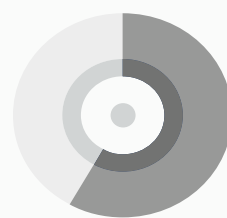
Tenacity



Open-mindedness



Growth



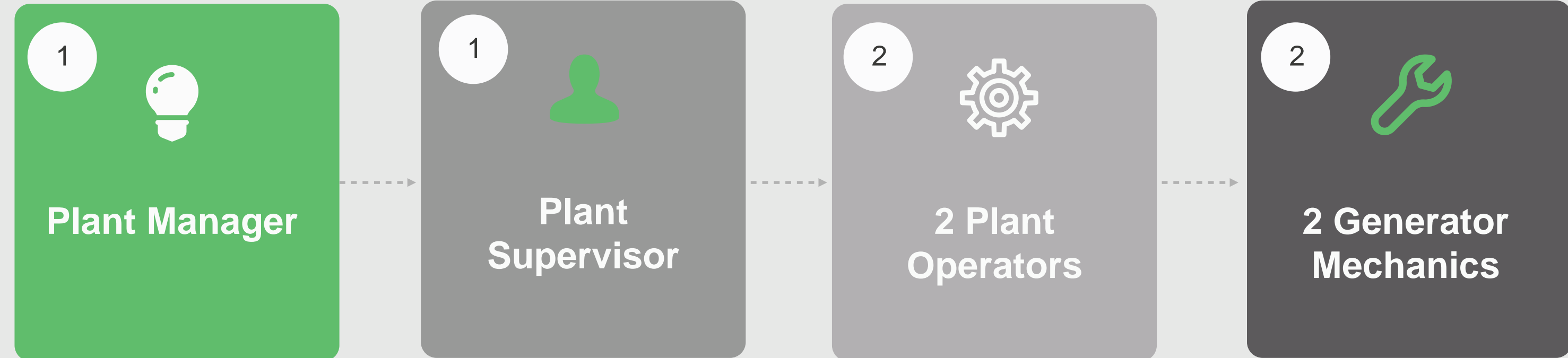
Service



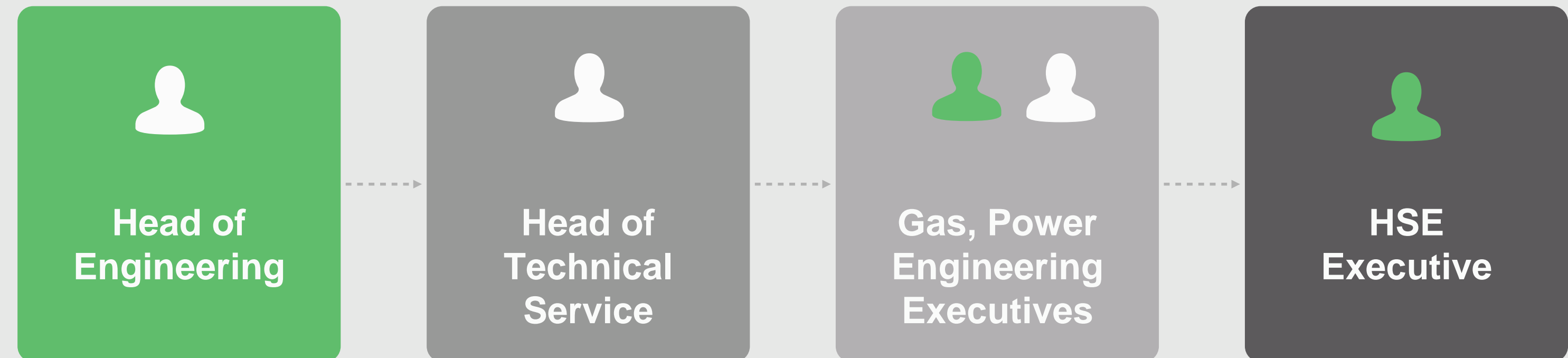
JSL O&M WORK FORCE

DEDICATED FOR I&MGN PLC. IPP

FRONT END STAFF



BACK END STAFF



O&M PLAN



Equipment Records

- Engine and auxiliaries
- Gas related equipment
- Fire fighting equipment
- Electrical equipment



Inspection Schedules

- Inspection based on log book entries
- Scheduled inspection combined with scheduled servicing
- Scheduled inspection of non- standard items
- Lubrication schedules



Spare Parts Inventory

- Equipment spare parts
- Complete components
- Pipes and fittings, bolts, nuts & washers, electric components etc.

Maintenance Action (Guidelines)

- Check
- Servicing
- Repair



Maintenance Workshops and Equipment

- Tools



OUR HSE MANAGEMENT SYSTEM

The manual provides safe working conditions in accordance with the Factory Act 1990.

PURPOSE

- To provide a basic reference document for all plant operators to use in the execution of their work.
- To appraise JSL.
- To provide a basis for auditing and ensuring continual improvement.

The **main objectives** of the HSE Management System are to:

- Ensure compliance with the relevant standards and legislation
- Promote a healthy and safe work environment
- Promote communication between I&MGN PLC and JSL in addressing safety issues with the plant and its surroundings.
- Train and motivate employees to enable them to fulfil the HSE requirements
- Measure, appraise and report on HSE performance

OUR CONCERNS ARE:

- Maintaining a healthy environment for all people within the premises
- Handling and management of solid and hazardous waste

OUR FACES



NEXT STEPS

- » Letter of Intent (LOI) from I&MGN PLC .– Executing a letter of intent to signify interest in the Power Off-Take.
- » Final Technical and Commercial Negotiations and terms – Between Junaid Synergy Limited and I&MGN PLC .
- » Signing of Power Purchase Agreement – After successful negotiations between Junaid Synergy Limited and I&MGN PLC.
- » Project Implementation Phase.
- » Commencement of Power Supply

OUR CLIENTS



PARTNERS

Our strategic alliance with industry leaders facilitate us in delivering high end and cost effective independent power projects.

Technology Partners

We also have established relationship with gas engine manufacturers/operators like; CHENGDU TIANCHEN COMPRESSORS MANUFACTURERS (China), MTU-ROLLS ROYCE (Germany), LUXI GROUP (China), CATERPILLAR ENERGY SOLUTIONS (Germany), JENBACHER GAS ENGINES, WARTSILA and MIKANO.

We deploy partner solutions based on project requirements



LUXI



JENBACHER



PARTNERS

Our strategic alliance with industry leaders facilitate us in delivering high end and cost effective independent power projects.



Natural Gas Vendors

JSL has an existing relationship with several gas vendors i.e. SHELL NIGERIA GAS, NIPCO PLC, EXCELERATE ENERGY RESOURCES LTD, AXXELA, GREENVILLE LNG AND NNPC.


CNG, LNG and CNG solutions are available and partnership is activated based on specific project requirements




IN THE NEWS

 **Nairametrics** 

Home > Industries > Energy



NERC issued licenses and permits to these 15 entities in Q2/2023

 by **Omono Okonkwo** — 3 hours ago

NEWS

FG issues power licenses to Junaid Synergy, 14 other companies

October 23, 2023 - by Admin III



The Federal Government through the Nigerian Electricity Regulatory Commission (NERC) has issued new power licenses to Junaid Synergy Limited and 14 other companies.

During the second quarter of 2023, NERC issued new licenses to many entities.

Blueprint recalls that the Commission recently



CONCLUSION

Junaid Synergy Limited aims to maximize availability and minimize outages by ensuring that best practices and standards are incorporated into our daily operation and maintenance of all power plant components.

We are excited to partner with Industrial & Medical Gases Nigeria PLC.

#ThinkIndependentPowerPlantPartnersInNigeria
#ThinkJunaidSynergyLtd

Thank You

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