

African Power Rental Market

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African Power Rental Market

Scope of Research

This study aims to provide a detailed analysis of the African Power Rental Market along with qualitative trends for the year 2021.

The market numbers included in this report represent revenues generated by companies operating in the power rental market in Africa. The base year for the study is 2021 and the forecast period is from 2021 until 2028.

This study captures the following information on the African Power Rental Market:

- Market Size, Growth Rate, Revenue Forecasts (2021-2028)
- Growth Drivers & Restraints
- Market Data
- Market Share Analysis
- Market Trends
- Companies Profiles
- Quotes by Key Industry Participants

Methodology

Interviews with key market participants

The methodology adopted while creating this research involved conducting interviews with various key market participants, enabling Verify Markets to identify various trends in the African power rental market. Furthermore, discussions with industry participants enabled us to provide a comprehensive country-level view of the overall market. Next, the information was validated through our internal databases, market experts, and secondary sources. The collected information was structured and collated into this report.



Macro-economic factors and industry parameters

Various country level parameters including the GDP, population and urbanization growth, construction spending, oil & gas prices, mining activity, and sales revenues, among others, were taken into consideration in our forecasting model. An in-depth analysis of such factors enabled Verify Markets to size and forecast the African power rental market. As an added exercise, Verify Markets backs into market size estimates by counting dealerships and incorporating revenue assumptions based on proximity to metropolitan area.

Market Definition

Transactional Model

A temporary contract where the rental company offers the generator at a fixed price based on the power output and provides basic services, such as regular on-site service and 24/7 technical support.

Power Projects

Power projects require generators over 400 kVA through short- to medium-term contracts. These contracts generally have a fixed rental cost, based on the power output, and a variable operation and maintenance cost, based on the electricity generated or the hours of operation.

Power projects may be either connected to the electric power grid, as distributed energy sources, or isolated from the grid in stand-alone applications.

Power Plants

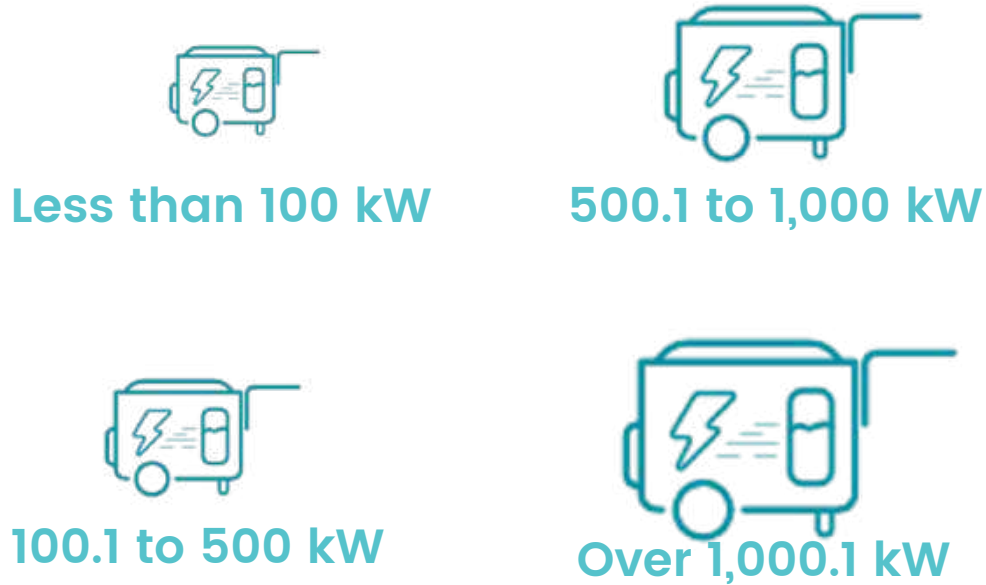
A long-term contract where the rental company, acting as an independent power producer (IPP), develops, owns, operates, and maintain a power plant and sells electricity to the utility. Some of these longer-term solutions are provided via PPA (Power Purchase Agreement). Most of these power plants have a multi-megawatt capacity.



For the purposes of this study, the analysis was focused on the transactional model and power projects. Power plants were considered out of scope for this study and have been excluded from the analysis.

African Power Rental Market

Segmentation by Output Range



African Power Rental Market

Countries Included:



Segmentation by End User

In 2021, the mining sector was the main end user of rental power in Africa. It is expected to continue dominating the market, driven by continued mining expansion across the continent.



Oil & Gas

Rental generators are used in the oil & gas industry to support exploration, production, and transportation during planned and unplanned outages, mainly during the construction, expansion, commissioning, and integration phases.



Industrial

Industrial end users are comprised of factories and manufacturing applications such as semiconductors, pulp and paper, food processing, maritime, chemicals, petrochemicals, rubber, and agriculture.



Mining

Rental generators are used in the mining industry to provide prime power to mines and quarries, which depend on reliable power for exploration, construction, production, and expansion.

Segmentation by End User



Construction

Includes rental power provided to construction projects, public and private infrastructure projects, improvements to existing facilities, and site maintenance. Small-sized generators in the 20 to 60 kW range are mainly used in this sector.



Utility

Comprised of power utility companies using generators for start-up and for standby purposes during scheduled power outages to bring additional capacity during peak demand period or to provide electricity during emergency situations.



Commercial

Includes buildings, offices, schools, malls, healthcare centers, business centers, and other private and public institutions.



Others

Others include power rental requirements by events, and residential applications, among many others.

Generators above one-MW are primarily used by the mining and oil & gas sectors. Utility companies also demand multi-megawatt power generators as backup power to increase their generation capacity, especially during peak energy demand.

African Power Rental Market

Segmentation by Application



Continuous Power

Continuous power generators are designed to operate continuously for extended periods of time in situations where limited amounts of power load fluctuations occur.



Prime Power

Prime power gensets are designed to operate continuously for extended periods of time at variable loads.



Standby Power

Supplying emergency power during the duration of normal power interruption. Standby power is run only when there is an outage to the utility grid or there is a disruption in the main source of power.



Peak Shaving

The period in which electrical power is provided at a significantly higher than average supply level. Peak shaving is the process of reducing the amount of energy purchased during peak hours when the electrical charges are highest.



About Verify Markets



Verify Markets

About us

Expert Advice and Strategy Consulting

Verify Markets is a Research Firm specializing in Industrial, Environmental, Energy and Water markets. Our Research & Consulting practice provides global industry analysis, custom engagements, end-user analysis, strategy consulting, strategic market intelligence, and forecasts that are designed to facilitate strategic decision-making. Our team of consultants, industry experts and analysts continually monitor and evaluate information to create insights for your business needs. We are comprised of a group of analysts that have been tracking their respective markets for a number of years.

Our goal is to help you reach yours.

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Methodology

The methodology when formulating market trend projection is outlined below.
 Historical trends were determined through secondary research and Verify Markets in-house database.

Secondary Research

Secondary research was conducted. A list of key industry participants was put together.



Primary Research

Telephonic interviews were conducted. Most of the leading participants across Africa were contacted.

Bottom-up

Bottom-up methodology was used to calculate the market size.



Drivers & Restraints

Market drivers and restraints were built into the forecasting model to estimate the revenue growth and market size figures.

Most of the primary interview data was captured through telephonic interviews. Pictures, company contacts, preliminary data was captured through secondary research. Images are derived from company websites and other web sources.



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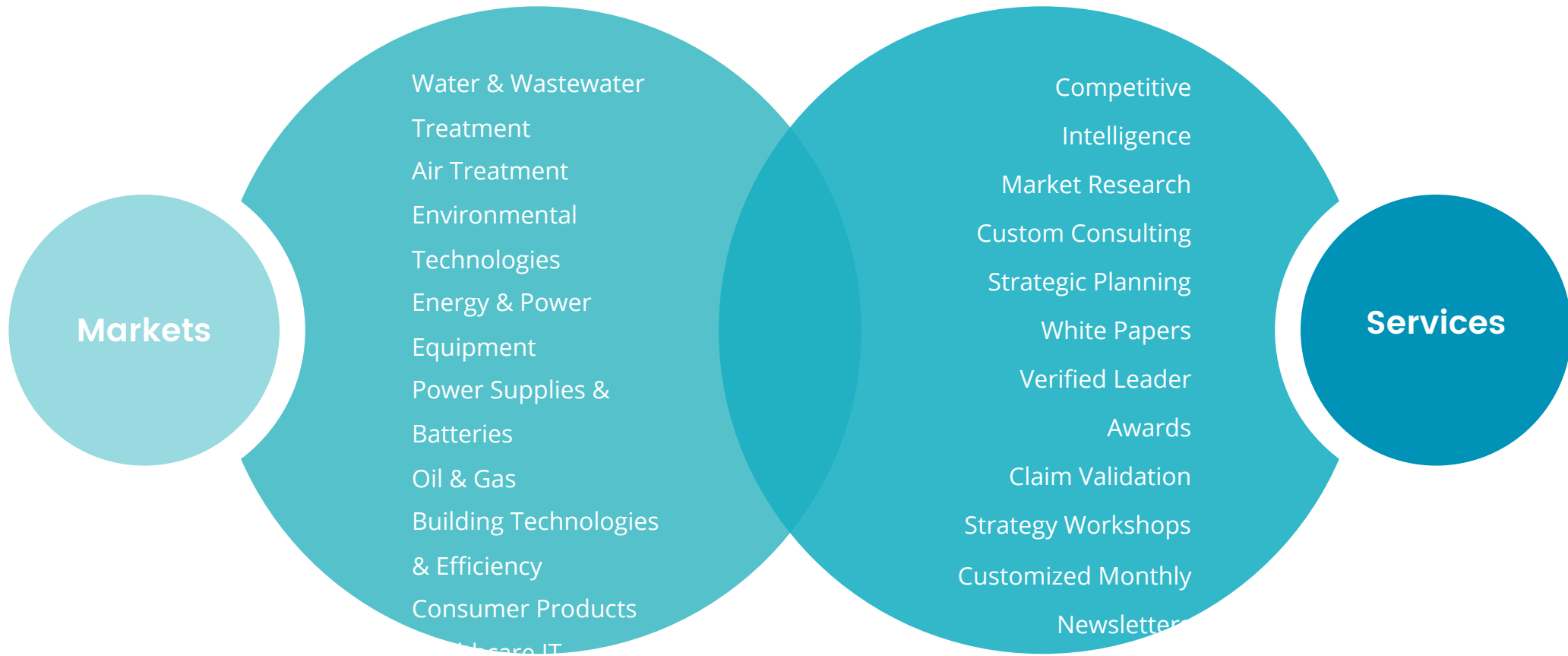
Despite Verify Markets' best efforts, certain challenges were encountered, and certain assumptions had to be made. The extremely competitive nature of the African Power Rental Market often results in an increased reluctance on the part of several competitors to discuss their market position, future plans, or market trends. Verify Markets used its skills and experience to extract the relevant data in order to complete the analysis.

Verify Markets is not responsible for any incorrect information supplied to us by companies during our primary research process.

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Capabilities



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Global Presence





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Have A Question?



Contact us and set up a time to speak with our analysts.



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Contact us: We're social



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