



| PROJECT: ANAMBRA INDEPENDENT POWER PROJECTS - DEVELOPMENT OF IPPS | | |
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| Project Description | | This project is dedicated to enhancing energy production in the state by developing a gas-fired Independent Power Plant (IPP) in the state. Designed to provide a reliable power supply, the project is backed by confirmed funding from the Power Africa program. With two gas turbines already procured, the initiative aims to address energy demands, support industrial growth, and boost economic development in the region. |
| Partnering Company | | Genesis Energy |
| Location | | Anambra State |
| Investment Size | | 25 Billion Naira |
| Sector | | Energy |
| Responsible MDA | | Ministry of Power and Water Resources ANSIPPA |
| PROJECT CLIMATE SCREENING ASSESSMENT REPORT | | |
| 1 | Primary Purpose of the project | The project seeks to establish IPP's in the state. Its primary objective is to address chronic power shortages by diversifying energy sources, ensuring reliability of supply, and creating a robust regulatory framework that fosters efficiency, transparency, and sustainability within the electricity sector. |
| 2 | Alignment with the country's national climate-change mitigation and adaptation targets | This initiative aligns with Nigeria's National Climate Change Policy (NCCP 2021) by promoting the adoption of renewable energy sources and enforcing environmental standards for electricity generation. Through reduced dependency on fossil fuel backup systems and enhanced energy security, the project contributes to the country's ambition for a low-carbon economy and climate-resilient infrastructure. The Commission will also collaborate with state authorities to ensure that all licensed operators comply with sustainable development standards and environmental best practices. |

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| 3 | Contribution to Greenhouse Gas (GHG) emissions | Temporary emissions are expected during the setup phase, including construction activities and equipment installation. However, once operational, the regulatory framework will encourage diversified renewable sources, efficient monitoring of electricity consumption, and reduced reliance on high-emission generation systems. These measures are projected to deliver net reductions in GHG emissions, improve overall air quality, and minimise carbon intensity at the state level. |
| 4 | Mitigation features that contribute to the transition towards a net-zero future | The project integrates several mitigation features essential for advancing towards a net-zero future. These include the promotion of renewable energy integration (particularly solar), enforcement of health, safety, and quality standards for low-emission power generation, and expansion of rural electrification schemes to optimise energy access. By reducing reliance on fossil fuels and encouraging cleaner alternatives, the project directly supports SDG 13 (Climate Action) and positions Anambra State as a leader in sustainable energy governance and climate-smart power sector reforms. |
| For more information, reach out to ansippa@anambrastate.gov.ng | | |