

SERVICES RENDERED BY ENERGY RESOURCES

DEPARTMENT TO THE GENERAL PUBLIC

Introduction: Energy resources is a department under Federal Ministry of Power, Works and Housing (Power sector) it is one among the two (2) other Technical Departments (Transmission and Distribution departments) of Federal Ministry of Power unbundled from the formal **Department of Power** during the 2014 restructuring exercise of the Ministry. It was charged with the responsibility of initiating policy matters regarding Power Sector of the Federal Republic of Nigeria, implementation of approved policy matters on Power, and monitoring all PHCN/TCN programs designed for achieving stability and reliability of power supply within the country. The department is headed by a Director (GL 17)

2. VISION OF THE DEPARTMENT:

An efficient deregulated electricity generation and supply that is private sector driven, with Government providing an appropriate legal and regulatory environment for private capital investment.

3. MISSION OF THE DEPARTMENT:

To satisfactorily meet electricity demand by consumers in the most efficient manner and to provide a sustainable policy framework and enabling environment for optimum development of the power Industry in Nigeria.

This express the commitment of the department in ensuring that efficient services are provided to all electricity suppliers, in light of the above the department ensures that the policy decisions of Government on Power generation is implemented by agencies under the supervision Federal Ministry of Power, Works and Housing, This agencies include:-

- Nigerian Bulk Electricity Trader (NBET);
- Nigerian Electricity Regulatory Commission (NERC);

- Nigerian Electricity Liability management Company (NELMCO);
- Transmission Company of Nigeria (TCN);
- Electricity Management Services (EMS) Etc.

4. FUNCTIONS OF THE DEPARTMENT OF ENERGY

RESOURCES:

The department of Energy Resources is charged with the following:-

- i. Development of policies, programs and projects for electricity generation with particular emphasis on:-
 - * Gas-fired Power Plants;
 - * Hydro-electric Power Plants (medium and large scale);
 - * Coal-fired Power Plants as well as
 - * Nuclear power plants in view.
- ii. Supervision and oversight on the execution of generation projects benefiting funding from the treasury and public sector loans;
- iii. Provide periodic updates of the generation Expansion Master plan;
- iv. Provision of technical guidance and advice to the permanent Secretary on power sector;
- v. Develop policies and initiatives for enhancing security of power supply and the diversification of the nation's Energy mix;
- vi. Develop bankable project documents for medium / large scale power plants with a view of development under public and / or public funding;
- vii. Monitor the performance of Generation Companies, Independent power producers and advice on governmental intervention on embedded and captive power generations;
- viii. Liaise with development finance institutions for area of possible collaboration;

- ix. Liaise with relevant stakeholders to monitor development in the Gas Sector with reference to adequate reliability and security of gas supply;
- x. Supervise all development of bankable power project documents for collaboration and partnership with the private sector for new IPPs;
- xi. Provide technical leadership for the development of medium/large hydroelectric power plants anchored on facilitation and partnership with the private sector;
- xii. Monitor the performance of the existing hydroelectric power plants and thermal power plants;
- xiii. Data collection of installed and generated capacities and analyses;
- xiv. Monitoring of projects undertaken by entities under the supervision of the Federal Ministry of Power on Power generation;
- xv. Collaboration with other donor Agencies;
- xvi. Any other assignment that may be decided by the permanent Secretary.

5. SERVICES PROVIDED/RENDERED:

The Privatization of Power Sector in November 1st 2013 handed over the generation of power to the private sector. The Department of Energy Resources is providing some services in form of policy formulation, implementation, development and supervision of power generation. The Department is working assiduously to achieve the following:

- i. To reduce the significant gap between power supply and power demand;
- ii. To Achieve power generation projection from 2016 to 2020;
- iii. Facilitate where possible provision of adequate gas supply to existing thermal Power Plants for improved power generation;

- iv. To collaborate with the generating companies (GENCOs), including the Niger Delta Power Holding Company (NDPHC) and Independent Power Projects (IPPs) in order to meet the targets set for power generation till 2030.

6. LIST OF CUSTOMERS:

The major and primary customers are as follows:

- i. Generation Companies (GENCOs);
- ii. Independent Power Producers (IPPs);
- iii. Transmission Company of Nigeria (TCN);
- iv. Nigerian Electricity Regulatory Commission (NERC);
- v. Nigerian Bulk Electricity Trading company (NBET);
- vi. Nigeria Electricity Liability Management Company (NELMCO);
- vii. Niger Delta Power Holding Company (NDPHC) on National Integrated Power Projects (NIPPs).

7. PERFORMANCE TARGETS/CUSTOMERS' EXPECTATION:

In order to realize the power projection targets of year 2016 to 2030 and customer expectations, the following projects distributed across the country are under construction:-

i. 700MW ZUNGERU HYDROPOWER PROJECT:

The project has been awarded and major construction activities have attained 47% progress.

ii. 10MW KATSINA WIND FARM PROJECT:

It is an EPC contract for the construction of a 10MW wind farm in Katsina State. It consists of 37 number 275kw wind turbine generators mounted on a height of 55m inclinable tower.

iii. 3050MW MAMBILLA HYDROELECTRIC POWER PROJECT:

The 3050MW hydropower project is sited in Taraba State to provide additional generation capacity of 3050MW, ancillary services like spinning reserves and other economic activities such as

irrigation, fishing and tourism. The project is on the process of contract award.

iv, **Coal to Power Development:**

There are different studies currently on-going on the coal fields in various coal locations in the country, to mention a few are:-

- Benue, Kogi, Gombe;
- Enugu axis.

To determine the best practices in establishing Coal power plants which is pollution free that will yield optimum power generation to the national grid.

8. STAKEHOLDERS PARTICIPATION IN SERVICE PROVISION

- i. Formulation and Monitoring of the implementation of the policies for the development of adequate power in the economy;
- ii. Collaboration with the Ministry of Foreign Affairs, bilateral relations with other friendly countries in joint economy ventures relating to Power Sector;
- iii. Coordination and Supervision of all bilateral and multilateral relations affecting the power sector

- **GENERATIONS COMPANIES** (GENCOS) collaboration with the following generating plants

- ❖ Afam Electric Power Plc
- ❖ Ughelli Power Plc
- ❖ Kainji Hydro Electric Plc
- ❖ Jebba Hydro Electric Plc
- ❖ Sapele Power Plc
- ❖ Shiroro Hydro Electric Plc
- ❖ Geregu Power Plc
- ❖ Omotosho Power Plc

- ❖ Olorunsogo Power Plc
- ❖ Egbin Power Plc

9. STANDARD SET FOR SERVICES PROVIDED

- Provision of regulatory services for reliable power supply for both urban and rural population as well as industrial uses.
- Ensuring optimum performance of existing power plants so as to meet the domestic requirement for power consumption.

10. GRIEVANCE REDRESS MECHANISM

Complaints and grievance's received from any member of the public who feels aggrieved as a result of the execution of the department functions shall be resolved promptly within five (5) working days. Such complaints/grievances should be forwarded to:

Engr. E.O. Ajayi

The Director

Energy Resources Department

Federal Ministry of Power, Works & Housing

Power House

Plot 14 Zambezi Crescent

Maitama, Abuja

Federal Secretariat Phase I

11. SPECIAL NEEDS

Provision is made for special people to reach our office by using the elevator for easy access and the website is also available for costumer's use.

12. LIMITATION

The major challenge to the department in carrying out her functions is inadequate funding for both maintenance of

the current system and the development of new Energy Sources.