

Extraordinary



Federal Republic of Nigeria Official Gazette

No. 116

Lagos-10th February, 2012

Vol. 99

Government Notice No. 305

The following is published as Supplement to this *Gazette* :

<i>S. I. No.</i>	<i>Short Title</i>	<i>Page</i>
68	Nigerian Electricity Regulatory Commission (Methodology for the Determination of Connection Charges for Electricity Supply) Regulations, 2012.	B 1823-B1833

Printed and Published by The Federal Government Printer, Lagos, Nigeria
FGP 25/72013/650 (OL 91)

Annual Subscription from 1st January, 2013 is Local : ₦25,500.00 Overseas : ₦37,500.00 [Surface Mail] ₦49,500.00 [Second Class Air Mail]. Present issue ₦1,000.00 per copy. Subscribers who wish to obtain *Gazette* after 1st January should apply to the Federal Government Printer, Lagos for amended Subscriptions.

ELECTRIC POWER SECTOR REFORM ACT, 2005

**NIGERIAN ELECTRICITY REGULATORY COMMISSION
(METHODOLOGY FOR THE DETERMINATION OF CONNECTION
CHARGES FOR ELECTRICITY SUPPLY) REGULATIONS, 2012**



ARRANGEMENT OF REGULATIONS

REGULATION :

PART I—OBJECTIVE AND APPLICATION

1. Objective.
2. Application of these Regulations.

PART II—DISTRIBUTION LICENSEE OBLIGATIONS

3. Development of methodology and consent of the Commission.

PART III—CONNECTION CHARGES, DESIGNS AND MATERIALS

4. Components of connection Charge.
5. Connection Designs.
6. Connection materials.

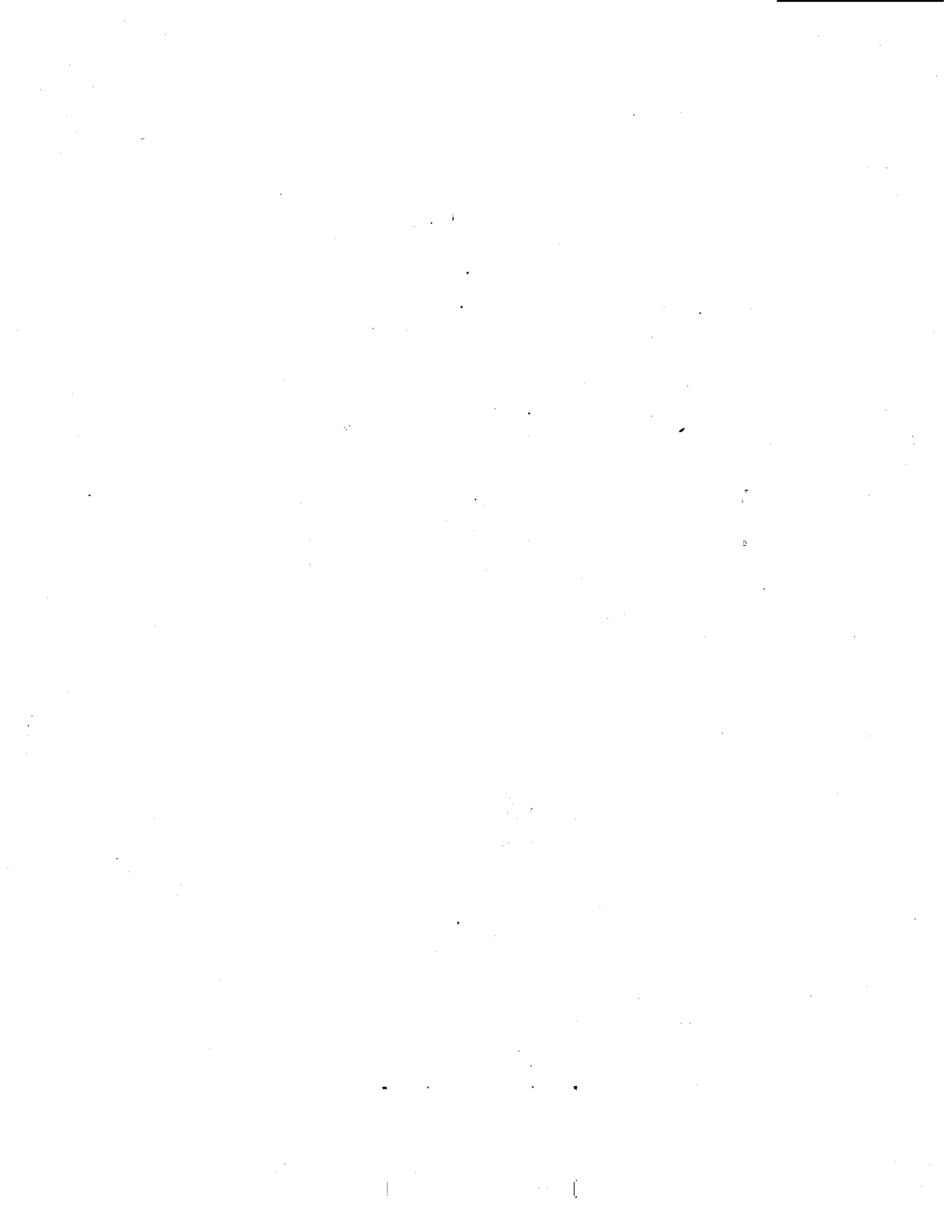
PART IV—OPERATIONS

7. Connection procedures for electricity services.
8. Timeframe for Connection.
9. Prohibition of the Payment of Statutory fees.
10. Connection Manual.

PART V—MISCELLANEOUS

11. Amendment or revocation of these Regulations.
12. Interpretation.
13. Citation.

TABLES



S. I. 68 of 2012

ELECTRIC POWER SECTOR REFORM ACT, 2005
NIGERIAN ELECTRICITY REGULATORY COMMISSION
(METHODOLOGY FOR THE DETERMINATION OF CONNECTION
CHARGES FOR ELECTRICITY SUPPLY) REGULATIONS, 2012

[30th day of July, 2012]

Commence-
ment.

In exercise of the powers conferred by section 96 of the Electric Power Sector Reform Act, 2005 ('the Act'), and all other powers enabling it in that behalf, THE NIGERIAN ELECTRICITY REGULATORY COMMISSION ('the Commission') makes the following Regulations—

PART I—OBJECTIVE AND APPLICATION

1. The objective of these Regulations is to provide standard Rules and Methodology for the determination of connection charges for electricity supply to ensure safe, secure and efficient electricity supply.

Objective.

2. These Regulations apply to all electricity connections to customers' premises in the Federal Republic of Nigeria.

Application
of these
Regulations.

PART II—DISTRIBUTION LICENSEE OBLIGATIONS

3.—(1) A Licensee shall in accordance with the Distribution Licence Terms and Conditions obtain the consent of the Commission before charging customers any fee for connection and use of electricity in Nigeria.

Development
of
methodology
and consent
of the
Commission.

(2) A Licensee must develop and submit for Commission's approval within the first thirty days of each calendar year, a methodology covering—

- (a) the development of a fair and equitable distribution use of system and connection charges, and
- (b) a schedule of proposed charges and charges for various standard connection designs.

(3) The Commission shall approve the methodology and charges submitted to it pursuant to the provisions of sub-regulation (2) of this regulation or suggest modifications as it deems fit.

PART III—CONNECTION CHARGES, DESIGNS AND MATERIALS

4.—(1) All electricity connection to customers' premises shall be either by overhead or underground networks.

Components
of
Connection
Charge.

(2) The cost of new connections shall comprise mainly of the connection of the residence or premises to public supply (the service line), the installation of the actual meter and associated accessories; provided that—

- (a) connection to public supply shall comprise of PVC coated aluminum wire, a Miniature Circuit Breaker (MCB) and pin (screw) insulator ; and
- (b) meter and meter accessories shall be made up of meter, meter box, flexible pipe, board, seal, calibration and installation.

B 1826

Connection Designs.

5.—(1) The connection designs available to the different customers in each of the Distribution Licensees shall include—

- (a) Single Phase Overhead Network.
- (b) Three Phase Overhead Network.
- (c) Single Phase Underground Network.
- (d) Three Phase Underground Network.
- (e) Extra Service (where customer location is farther from the nearest available supply).
- (f) 11KV Link-Up High Tension Supply.
- (g) 33KV Link-Up High Tension Supply.

(2) Where any of the Distribution Licensees have other connection designs aside from those listed under sub-regulation (1) of this regulation, the Licensee shall furnish the Commission with full details of the materials required in the format specified under Tables 1-7 to these Regulations for consideration and approval.

Connection Materials.

6.—(1) The materials required to effect connections (excluding meters and accessories) from the nearest voltage network for each of the connection design stipulated under regulation 5 of these Regulations shall be as tabulated under Tables 1-7 to these Regulations.

(2) The size and quality of the connection materials required to effect connection depends largely on the connection design and the distance of the customer residence or premises to the nearest available electricity supply point.

PART IV—OPERATIONS

Connection procedures for Electricity Services.

7.—(1) All connections shall be in line with the procedures stipulated in the NERC (Connection and Disconnection Procedures for Electricity Services) Regulations as may be amended from time to time.

(2) Customers requiring connection to their residences or premises shall be responsible for the procurement of connection materials, while the Distribution Licensee shall be responsible for the connection from the available supply to the customer's metering point.

(3) The mains or installation inspector shall undertake a physical inspection of the customer's residence or premises from the nearest supply point to the metering point to determine the quantity and length of materials required.

(4) Subject to the provision of sub-regulation (2) of this regulation, no customer shall be required to pay any charge whatsoever in relation to the connection of supply to his residence or premises.

Timeframe for Connection.

8.—(1) The Distribution Licensee shall within 48 hours of the provision of the requisite materials in the right quantity and quality by the Customer, effect connection of supply to the customer's residence or premises.

(2) Distribution Licensee shall upon the connection of supply provide meter and meter accessories with a view to ensuring proper accounting or billing of a customer's energy consumption.

9.—(1) Payment of statutory fees for inspection or survey, testing and commissioning hitherto charged for Maximum Demand (MD) customers are prohibited.

Prohibition of the payment of statutory fees.

(2) The cost of testing equipment shall be factored into the determination of the appropriate Return on Capital on the regulated assets, while labour related costs of inspection and commissioning shall be accounted for as fixed administrative cost under approved operating expenses (OPEX) of the Distribution Licensee.

10. In order to harmonize connection of supply to customers' residences or premises, all Distribution Licensees shall submit, for Commission's approval, a connection manual that stipulates the procedures for effecting the different connection designs as a guide for the installation inspectors.

Connection Manual.

PART V—MISCELLANEOUS

11. The Commission may, from time to time, amend or revoke the provisions of these Regulations by notice in the *Gazette*.

Amendment or Revocation of these Regulations.

12.—(1) In these Regulations, unless the context otherwise requires—

Interpretation.

“Act” means Electric Power Sector Reform Act, 2005 as amended ;

“Commission” means the Nigerian Electricity Regulatory Commission (NERC) established by the Act ;

“Connection” means extension of electricity from the nearest available supply to the metering point in the customer residence or premises ;

“Connection Charge” means approved list of materials a prospective customer is required to provide to enable the Distribution Licensee facilitates the extension of electricity supply to his residence or premises ;

“Customer” means any consumer who desires electricity supply to his residence or premises and has met the requirements set by the Distribution Licensee and approved by the Commission ;

“Distribution Licensee” refers to a person issued a Distribution License pursuant to Part IV of the Act ;

“Service line” means conductor or wire transporting electricity from one point to another ;

“License” means a license issued by the Commission under Part IV of the Act ; and

“licensee” means any person who holds a licence issued under Part IV of the Act.

(2) Unless otherwise specified in these Regulations—

(a) words importing any one gender includes the other gender and the singular includes the plural and vice versa ;

(b) words or expressions used in these Regulations but not defined shall have the same meaning assigned to them in the Act or relevant subsidiary legislations, regulations and orders issued by the Commission ;

(c) any reference to a statute or statutory provision includes a reference to that provision as amended, re-enacted or replaced and any regulations or orders made under such provisions from time to time ; and

(d) where the date on which an event is scheduled to occur by the provisions of these Regulations is a day which is not a business day, then the event must occur on the next business day.

Citation.

13. These Regulations may be cited as Nigerian Electricity Regulatory Commission (Methodology for the Determination of Connection Charges for Electricity Supply) Regulations, 2012.

TABLES [Regulations 5(2) and 6(1)]

TABLE 1 : OVERHEAD NETWORKS—SINGLE PHASE SUPPLY

S/N.	Materials	Unit	Quantity
1.	16mm ² PVC Coated Aluminum Wire	Meter	To be determined by the Mains/Installation Inspector after a duly conducted inspection
2.	30 Ampere Miniature Circuit Breaker (MCB)—TP	No.	1
3.	Pin (Screw) Insulator	No.	1
4.	Board	No.	1

TABLE 2 : OVERHEAD NETWORKS—THREE PHASE SUPPLY

S/N.	Materials	Unit	Quantity
1.	25mm ² PVC Coated Aluminum Wire	Meter	To be determined by the Mains/Installation Inspector after a duly conducted inspection
2.	60 Amp Miniature Circuit Breaker (MCB) — TP and N	No.	1
3.	Pin (Screw) Insulator	No.	2
4	Board	No.	1

TABLE 3 : UNDERGROUND NETWORKS—SINGLE PHASE SUPPLY

S/N.	Materials	Unit	Quantity
1.	4 × 16mm ² Copper Armoured Cable (SWA)	Meter	To be determined by the Mains/Installation Inspector after a duly conducted inspection
2.	16mm ² Cable Socket	No.	8
3.	60 Amp Cut-out Fuse	No.	1
4.	30 Amp Miniature Circuit Breaker (MCB)	No.	1
5.	Board	No.	1

TABLE 4 : UNDERGROUND NETWORKS—THREE PHASE SUPPLY

S/N.	Materials	Unit	Quantity
1.	4 × 25mm ² Copper Armoured Cable (SWA)	Meter	To be determined by the Mains/Installation Inspector after a duly conducted inspection
2.	25mm ² Cable Socket	No.	8
3.	60 Amp Cut-out Fuse	No.	1
4.	60 Amp Miniature Circuit Breaker (MCB)	No.	1
5.	Board	No.	1

TABLE 5 : EXTRA SERVICE MATERIALS (1 SPAN OF 50 METERS)

S/N.	Materials	Unit	Quantity
1.	8.6m Reinforced Concrete Pole	No.	1
2.	150mm ² Aluminum Conductor	Meter	200m
3.	Stay Rod	No.	1
4.	Stay Wire	Meter	10m
5.	Stay Block	No.	1
6.	Stay Insulator	No.	1
7.	Shackle Insulator	No.	8
8.	D-Iron	No.	8
9.	Stud	No.	8
10.	5/8 By 9 Bolt/Nut	No.	8
11.	Washer	No.	16
12.	Extension Strap	No.	8

TABLE 6 : HIGH TENSION SUPPLY-11KV LINK-UP (1 SPAN OF 50 METERS)

<i>S/N.</i>	<i>Materials</i>	<i>Unit</i>	<i>Quantity</i>
1.	10.6M Reinforced Concrete Pole	No.	2
2.	6ft Channel Iron	No.	2
3.	150mm ² Aluminum Conductor	Meter	160m
4.	Disc Insulator	No.	6
5.	6-Bolt Snail Clamp	No.	6
6.	Adaptor Clevis Ball	No.	6
7.	Adaptor Clevis Socket	No.	6
8.	J-Hook	No.	6
9.	Stay Wire	Meter	15m
10	Stay Block	No.	1
11	Stay Rod	No.	1
12.	11 KV Stay Insulator	No.	1
13.	5/8 x 12 Bolt/Nut	No.	4
14.	5/8 x 9 Bolt/Nut	No.	4
15.	5/8 x 4 Bolt/Nut	No.	4
16.	5/8 x 2 Bolt/Nut	No.	6
17.	35mm ² 11kV Single Core XLPE Cable	Meter	45m
18.	Terminating Kits	Set	2 sets

TABLE 7 : HIGH TENSION SUPPLY-33KV LINK-UP (1 SPAN OF 50 METERS)

<i>S/N.</i>	<i>Materials</i>	<i>Unit</i>	<i>Quantity</i>
1.	10.6M Reinforced Concrete Pole	No.	2
2.	9ft Channel Iron	No.	2
3.	33KV Ganged Isolator Switch Complete	No.	1
4.	Disc Insulator	No.	18
5.	6-Bolt Snail Clamp	No.	6
6.	Adaptor Socket Tongue	No.	6
7.	Adaptor Socket Clevis	No.	6
8.	J-Hook	No.	8
9.	Termination Strap	No.	6
10.	5/8 x 12 Bolt/Nut	No.	6
11.	5/8 x 11 Bolt/Nut	No.	4
12.	5/8 x 9 Bolt/Nut	No.	4
13.	5/8 x 4 Bolt/Nut	No.	4
14.	5/8 x 2 Bolt/Nut	No.	6
15.	70mm ² Bare Copper Wire	Meter	15m
16.	150mm ² Aluminum Conductor	Meter	160m
17.	Stay Wire	Meter	30m
18.	Stay Rod	No.	2
19.	33 KV Stay Insulator	No.	2
20.	Stay Block	No.	2
21.	150mm ² 33kV Single Core XLPE Cable	Meter	90m
22.	Terminating Kits	Set	2

MADE at Abuja this 30th day of July, 2012.

DR SAM AMADI
Chairman and Chief Executive Officer
Nigerian Electricity Regulatory Commission

EXPLANATORY NOTE

*(This note does not form part of these Regulations but
is intended to explain its purport)*

These Regulations provides standard rules and methodology for the determination of connection charges for electricity supply to ensure safe, secure and efficient electricity supply in Nigeria.