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ENERGY DEPARTMENT

NOTIFICATION

The 27th October 2022

No. 10317—ENG-RE-MISC-0001/2021-En.—In exercise of the power conferred under Clause (o) of sub-section (2) of Section 180 of the Electricity Act, 2003 (Central Act 36 of 2003), the State Government do hereby make the following rule for the Levy of fees for testing and inspection and generally for the services of Electrical Inspectors, namely :—

1. Short Title and Commencement—(1) These Rules may be called the Odisha Electricity [Levy of Fees, for Testing and Inspection and Generally for the Services of Electrical Inspector(s)] Rules, 2022.

(2) They shall come into force on the date of their publication in the official gazette.

2. Definitions—(1) In this rule unless, the context otherwise requires :

- (a) "Act" means the Electricity Act, 2003 (36 of 2003) ;
- (b) "Cable" means all underground, overhead, laid-in-trench cables, for transmission, distribution and use of electrical energy and includes cables for control equipments and telecommunications, video or audio networks etc ;
- (c) "Capacity" means rated capacity of individual equipments, motors, generators, diesel generators or turbo generator units, as the case may be, in KW and whenever necessary shall be converted to KVA with a power factor of 0.8 ;
- (d) "Connected load" means aggregate capacity of motors, heaters, air conditioners, refrigerators, air circulators, fan, TV, Computer, light and other electrical equipments or appliances in KW ;
- (e) "Electrical Inspector" means Chief Electrical Inspector or Electrical Inspector or Deputy Electrical Inspector or Assistant Electrical Inspector, as the case may be, as notified by the Government in exercise of the powers conferred by sub-Section (1) of Section 162 of the Electricity Act, 2003 (Central Act 36 of 2003) ;
- (f) "Generating Station" means any station intended or used for generating electricity, including any building and plant with step-up transformer, switch gear, cables, or other appurtenant equipment, if any, used for that purpose and the site thereof, a site intended to be used for a generating station and any building used for housing the operating staff of a generating station and where electricity is generated ;

- (g) "Initial Inspection" means Inspection, Examination or Testing prior to commencement of electricity supply to a new electrical installation or apparatus including replacement of equipments apparatus to which energy is to be supplied;
- (h) "Lines" includes all transmission, distribution and service lines used for transmission, distribution and use of electrical energy;
- (i) "Owner" shall include occupier of electrical installation of any building, place, carriage or vessel in which energy is or about to be generated, transmitted, distributed, received or used;
- (j) "Periodical Inspection" means inspection, examination or testing, at a time interval specified under appropriate scales, for the installation or apparatus in which energy is continued to be used;
- (k) "Re-inspection" means Inspection, Examination or Testing, of the installation or apparatus subsequent to initial inspection after compliance to observations of the initial inspection;
- (l) "Regulation" means Central Electricity Authority (Measures Relating to Safety and Electric Supply) Regulations, 2010 and amendments thereof;
- (m) "Scale" means scale of fees appended to this Rule;
- (n) "Sub-station" means a station for transforming or converting electricity for the transmission or distribution thereof and includes transformers, convertors, switch gears, capacitors, synchronous condensers, structures, cables and other appurtenant equipments and any building used for that purpose and the site thereof, a site intended to be used for any such purpose and any building used for housing the staff of the substation;
- (o) "Testing" means determining operation parameters of equipments or apparatus or contents or auxiliary units through specified or standardised testing procedures and may include calibration; and
- (p) "Temporary connection" means supply of power to meet the temporary need on special occasions including marriage or other ceremonial functions, fairs, festivals, religious function or seasonal business or construction of houses, complexes, industrial premises, provided such power supply does not exceed period of six months.

(2) All words and expressions used but not defined in this rule shall have the same meaning respectively assigned to them in the Act, the Regulations thereof.

3. Levy of Fees—(i) Fees shall be levied for inspection, examination or testing and generally for the services of Electrical Inspector(s) under the Act or Regulations and in accordance with the scales appended to this rule and shall be payable by the owner or supplier or consumer of the installation in advance, subject to the following conditions, namely :—

- (a) there is a requisition for inspection, examination including detail list of installation indicating the capacity and scale by the supplier or the consumer or the owner ; or
- (b) inspection, examination or testing is necessary as a result of an extension or alteration or replacement of the equipment(s) of the installation or necessitated by breach of any provision of the Act or Rules; or
- (c) in the opinion of Electrical Inspector (s) the installation being incomplete, at the time of previous inspection or for failure of the owner to carry out the written order of Electrical Inspector (s) within time specified, the inspection, examination or testing is necessary.

- (ii) If during inspection or verification, any addition or alterations are detected, the inspection or testing fees can be revised as applicable and differential Fees shall also be levied.
- (iii) Fees shall also be levied and paid in advance on issue of demand for the installation mentioned under different scales for periodical inspection or examination for the periodicity indicated therein.
- (iv) The fees for "Initial Inspection" or "Re-inspection" shall be one half ($1\frac{1}{2}$) times the periodical inspection fee specified under the appropriate scales.
- (v) An additional surcharge of 50% (fifty per cent) shall be payable for all initial or periodical or re-inspections to be made within 10 (ten) days from the date of requisition made available to the Electrical Inspector(s) in complete shape.
- (vi) For statutory testing of the equipment in the field or in the testing laboratory, the fees shall be due for payment on receipt of demand note and shall be deposited within 7 (seven) days from the due date irrespective of the date of testing.
- (vii) The fee for testing under "Scale-G" is applicable for testing of equipments or apparatus in the Standard Testing Laboratory, Bhubaneswar. For testing in the field tariff under "Scale- H" shall be applicable.
- (viii) For inspection or testing in the field, conveyance and accommodation shall be provided by the requisitioner.
- (ix) In case of any inspection, examination testing made otherwise than an application, the fees shall be paid within 7 days of receipt of the demand note from the concerned Electrical Inspector(s).
- (x) For installations or equipment energised without statutory inspection, penalty equivalent to 5 (five) times in addition to normal initial inspection fee, the inspection fee as applicable shall be payable.
- (xi) The fees for inspection of temporary installation or connection up to voltage level of 650 V and connected load up to and including 20 KW is mentioned under "Scale-E". Temporary connection at higher voltage and higher connected load shall be levied as per fee structure prescribed in the concerned scale. Temporary connection needed for more than 30 days up to 6 months shall be inspected every month.

4. Mode of Payment of Fees—(i) Fees under this rule shall be levied in accordance with the scale(s) specified and conditions laid down under Rule 3 of this rule.

- (ii) Fees shall be deposited through online mode against the online application.
- (iii) For apparatus or instruments for which no fees has been prescribed, in the scales for Inspection or Testing, the fees shall be notified by the EIC (Electricity)-cum-Principal Chief Electrical Inspector.

5. Periodicity of Inspection—The periodicity of inspection as stated under different scales is the interval at which the installation or equipments or apparatus are to be tested, inspected, and examined.

NOTE-I—The period of validity shall be counted from the date of issue of clearance certificate for charging.

NOTE-II—Under special circumstances, the actual interval for inspection would be fixed by Electrical Inspector, depending on the condition of installation on subject to the Provision of Regulation - "CEA (Measures Relating to Safety and Electric Supply) Regulations, 2010".

6. Dispute -All disputes arising out of this rule shall be resolved by the Additional Chief Engineer-*cum*-Electrical Inspector or Chief Engineer-*cum*- Chief Electrical Inspectors or Engineer in Chief (Electricity)-*cum*- Principal Chief Electrical Inspector, as the case may be, in order of hierarchy of the organisation.

7. Interpretation - In case of any doubt regarding interpretation of this rule and levy of fees under this rule the matter shall be referred to the EIC (Electricity)-*cum*-Principal Chief Electrical Inspector for decision.

8. Repeal and Saving - (i) The Electrical levy of fees for Testing and Inspection and Generally for the Services of Electrical Inspector(s) Rule, 2001 is hereby repealed.

- (ii) Notwithstanding such repeal anything done or any action taken under the rule so repealed shall be deemed to have been done or taken under the corresponding provisions of this rule.

By order of the Governor

NIKUNJA B. DHAL

Principal Secretary to Government

SCALE-A: GENERATING STATION

Serial No.	Individual Capacity	Periodical Inspection Fees payable per unit of the item (In Rupees)
1	Up to 100 KW	Rs.5,000
2	Above 100 KW up to 1 MW	Rs.7,000
3	Above 1 MW up to 25 MW	Rs. 25,000 for first 5 MW + Rs. 50,000 per each additional 5 MW or part thereof.
4	Above 25 MW up to 100 MW	Rs. 2,50,000 for first 30 MW + Rs. 75,000 per each additional 10 MW or part thereof.
5	Beyond 100 MW	Rs. 7,75,000 for first 100 MW + Rs. 1,50,000 per each additional 100 MW or part thereof.
6	Each addition/alteration of equipment/switchgear etc. except Generator/Major Unit.	Rs. 1,000 (Limited to Periodical Inspection Fees)
	Each addition/alteration of Generator Unit/Major Unit.	5 % of Inspection Fees of that Unit

SCALE-B : SUB-STATION

Serial No.	Individual Capacity	Periodical Inspection Fees (in Rupees)
1	Up to 100 KVA	Rs.5,000
2	Above 100 KVA up to 1 MVA with 1 No. Transformer Incomer Bay.	Rs.7,000
3	Above 1 MVA up to 25 MVA with 1 No. Transformer Incomer Bay.	Rs. 15,000 for first 5 MVA + Rs. 17,500 per each additional 5 MVA or part thereof.
4	Above 25 MVA up to 100 MVA with 1 No. Transformer Incomer Bay.	Rs. 90,000 for first 30 MV A + Rs. 25,000 per each additional 10 MVA or part thereof.
5	Above 100 MVA with 1 No. Transformer Incomer Bay.	Rs. 2,30,000 for first 100 MVA + Rs. 30,000 per each additional 100 MVA or part thereof.
6	Each Additional 1 No. Bay	Rs.20,000
	Each addition/alteration of equipment/ switchgear etc. except Main Transformer / Capacitor Bank / Major Unit.	Rs. 1,000 (Limited to Periodical Inspection Fees)
	Each addition/alteration of Main Transformer/ Capacitor Bank/ Major Unit.	5 % of Inspection Fees of that Unit

SCALE-C : OVERHEAD LINE/CABLE

Serial No.	Description	Periodical Inspection Fees (in Rupees)
A.	Voltage Level up to 11KV (Overhead Line & Cable)	
1	Up to 1 KM	Rs. 250
2	Above 1 KM up to 10 KM	Rs. 250 for first 1 KM + Rs. 150 per each additional 1 KM or part thereof.
3	Above 10 KM up to 100 KM	Rs. 2,000 for first 10 KM + Rs. 1,000 per each additional 10 KM or part thereof.
4	Beyond 100 KM	Rs. 12,000 for first 100 KM + Rs. 5,000 per each additional 100 KM or part thereof.
B.	Voltage Level above 11KV (Overhead Line)	
1	Up to 1 KM	Rs.1,000
2	Above 1KM	Rs. 1,000 for first 1 KM + Rs. 500 per each additional 1 KM or part thereof.

C.	Voltage Level above 11KV up to 33KV (Cable)	
1	Up to 1KM	Rs.2,000
2	Above 1KM	Rs. 2,000 for first 1 KM + Rs. 1,000 per each additional 1 KM or part thereof.
D.	Voltage Level above 33KV(Cable)	
1	Up to 1KM	Rs.5,000
2	Above 1KM	Rs. 5,000 for first 1 KM + Rs. 2,000 per each additional 1 KM or part thereof.

SCALE-D : AGGREGATE LOAD

Serial No.	Capacity	Periodical Inspection Fees (in Rupees)
1	Up to 5 KW	Rs.1,000
2	Above 5 KW up to 10 KW	Rs.1,500
3	Above 10 KW up to 100 KW	Rs. 1,500 for first 10 KW + Rs. 1,000 per each additional 10 KW or part thereof.
4	Above 100 KW up to 1 MW	Rs. 10,500 for first 100 KW + Rs. 2,500 per each additional 100 KW or part thereof.
5	Above 1 MW up to 10 MW	Rs. 33,000 for first 1 MW + Rs. 5,000 per each additional 1 MW or part thereof.
6	Above 10 MW up to 100 MW	Rs. 80,000 for first 10 MW + Rs. 7,500 per each additional 10 MW or part thereof.
7	Beyond 100 MW	Rs. 1,50,000 for first 100 MW + Rs. 20,000 per each additional 100 MW or part thereof.
8	Each addition/alteration of equipment/switchgear etc. except Motor.	Rs. 500 (Limited to Periodical Inspection Fees)

SCALE-E

1	For New Domestic Service Connection	Rs.50
2	For Temporary Connection (up to 30 days) up to 650V and connected load up to and including 20KW for Marriage, Puja and other Festivals.	Rs.500
3	For Temporary connection (up to 30 days) up to 650V and connected load up to and including 20KW for industrial / commercial use.	Rs.2,500

SCALE-F

Drawing Approval Fees (for each drawing of : Rs. 750
the installation).

*Periodicity of Inspection under Scale- A to D : Annual.

SCALE-G

TESTING OF APPARATUS AND INSULATING OIL

Serial No.	Description of Apparatus	Testing Fees (in Rupees)
I. ENERGY METER		
1	Electromagnetic Single / Poly Phase Energy Meter.	500/1,000
2	Electromagnetic TV Meter (Per Mode)	1,500
3	Static Single Phase Energy Meter (Per Mode)	500
4	Static Poly Phase KWH Meter (Per Mode)	1,500

5	Static Poly Phase TV Meter up to 0.5 class of accuracy (Per Mode).	2,250
6	Static Poly Phase TV Meter up to 0.2 class of accuracy (Per Mode).	3,000
7	RSS ESS up to 0.5 class of accuracy	7,500
8	RSS ESS up to 0.2 class of accuracy	15,000

II. TESTING OF RELAYS

1	Impedance(Mho) Relay / Relays (Static) Multifunction.	5,000
2	Any other type of Relay	500

III. TESTING OF CT / PT / TRANSFORMER / BREAKER / LA etc

1	Current Transformer (Per Range) [up to 650 Volt/ above 650 Volt].	500/750
2	Potential Transformer [up to 33 KV / above 33 KV].	3,000/4,500
3	Routine & Type Test of Transformer	7,500
4	Circuit Breaker	3,000
5	Lightening Arrester	1,500
6	Metering Unit / Tan-Delta and Capacitance Test (Generator & Transformer).	4,500

IV. TESTING OF OTHER ELECTRICAL MEASURING INSTRUMENTS

1	Ammeter / Volt Meter / Frequency Meter / Power Factor Meter / Phase Sequence Meter / Synchroscope / TRM Measurement / Hand Gloves / Lux Meter / Wattmeter / VAR Meter / Multi Meter / Tongue Tester / Transducer.	500
2	Insulation Tester / Earth Tester (Per Range)	500
3	Micro Ohm Meter / Oil Temperature Indicator / Winding Temperature Indicator.	750
4	High Voltage Test Set / Insulating Oil Test Kit / Secondary Injection Test Kit.	2,000
5	Wheatstone Bridge / Kelvin Bridge / TRM Calibration.	3,000

V. TESTING OF INSULATING OIL

1	Dielectric Strength (BDV) / Flash Point / Neutralisation Value / Sludge Content / Density (For Each Sample).	500
2	Dielectric Dissipation Factor (Tan Delta) / Specific Resistance / Water Content (PPM) (For Each Sample).	750
3	Dissolved Gas Analysis (DGA) (For Each Sample).	2,500

*Periodicity of Testing Items under Scale- G : Annual or as per requirement.

SCALE-H

FIELD TESTING OF METERS RELAYS etc.

The field testing of meters and relays, the following shall be applicable :—

- (i) Testing charges as per the tariff mentioned in Scale-G
- (ii) Transportation of testing equipment shall be provided by the firm/industry.
 - i. Over head charges per day or part thereof;
 - (a) Testing Engineer: Rs. 1,500 Each
 - (b) Testing Assistant: Rs. 750 Each

GENERAL

- (i) The equipment and transformer oil of all installations shall be tested annually or as per requirement.
- (ii) Charges for testing disputed meters shall be double the rate of normal testing charges.
- (iii) Testing charges of insulating oil / other charges may be revised by E.I.C. (Elecy)-cum-PCEI, Odisha, Bhubaneswar depending on the rise in cost of chemicals.
- (iv) Three litres of oil samples are required for carrying out all the tests at serial (1) to (2) under item-V and for the test at serial (3), additional 2 litres of oil is required as per I.S. 9434/79.
- (v) Sampling of oil is to be done as per ISS-6855/1973 and the sample sent to the laboratory preferable in glass container duly stoppered and sealed. The container is to be labelled/ tagged with proper identification mark including name and address of the sender.
- (vi) Rates of testing per equipment not covered in the above items will be fixed by the E.I.C. (Elecy)-cum-PCEI, Odisha, Bhubaneswar.