

Application form for Approval of the Electrical Inspector to energise the HV/EHV Overhead Transmission Lines and Underground Cables etc. under Rule 63 of the I.E. Rules, 1956.

RIO: Chennai/Delhi/Goa/Shillong :

1. Name of the feeder/overhead line :

2. Applicant :

(a) Organisation & Address :

(b) Nodal Officer, with Address,
Phone & Fax Nos. :

3. Status of works :

(a) If completed :

(furnish completion certificate)

(b) If not completed :

(Furnish target completion date and
dates when inspection can be carried out)

4. Route length of the Line (KM) :

5. Size of:

(a) Conductor :

(b) Ground wire :

6. Span(meter)

(a) Average :

(b) Minimum :

(c) Maximum :

7. Minimum clearance to ground(meter)

(a) At Normal spans :

(b) At Road crossing-

i)National Highway :

ii) State Highway :

iii)Other Roads. :

8. Minimum clearance at

(a) Power Lines Crossing

i) 400kV :

ii) 220kV :

iii) 132kV :

iv) 66kV :

v) 33/22kV :

vi) 11kV :

- vii) LT Lines :
- (b) At Railway crossing :
- (c) At River crossing :
- (d) At special crossing(if any) :
9. Minimum calculated factor of safety for conductor and Towers :
10. Whether the following have been duly provided ? :
- (a) Anti-climbing devices :
- (b) Danger Board :
- (c) Protection against lightening faults(furnish details) :
- (d) Protection against ground faults(furnish details) :
- (e) Protection against snapped conductors(furnish details) :
- (f) Other protections provided(if any) :
11. Tests results of the earth resistance of Tower footing (Enclose result for each Tower) :
12. Voltage regulation at the end of the Line
13. Whether all relevant provisions of IE Rules, 1956 have been complied with in every respect. Yes/No
14. Name of Sub station/Switching station and Bay Nos. at which the overhead line/feeder is terminating on either end. :
15. Whether the application for inspection of associated Substation/ Bays has been submitted and substation./bays are ready for inspection Yes/No
16. Enclose the following :
- (a) Copy of
- (i) Contractor's licence :
- (ii) Electrical Supervisor Certificate of Competency :
- (iii) In case the work sublet to another contractor (i)&(ii) of subcontractor to be submitted :
- (b) Copy of NOC of Railways :
- (c) Copy of approval of PTCC :
- (d) Copy of NOC of SEB (for Power line Crossing) :
- (e) Copy of Forest clearance :
- (f) Drawing showing the run of the cables and methods of layout of the cables /Route of Transmission Line on State map. :
- (g) Line schedule giving details of Tower type, angle of deviation, span length and important features such as Road(NH/SH/Other), telegraph line, River, Canal, Railway or Power line (400/220/132/66/33/11/.433/.230kV) crossing and distance from the nearest Airport. :

- (h) Copies of manufacturer's tests certificates in respect of conductor, groundwire Insulator Discs, Towers (Proto/Destructive) and hardware fittings :
- (i) Drawings for anti-climbing devices, Danger Notice Boards, Number Plates, Birdguards, Earthing System (Pipe type/Counter Poise) :
- (j) Details of crossings (Ref. Sl. No.8)

Sl No.	Type of Crossing	Nos.	Tower Locations	Approached from

17. Inspection fee to be deposited at respective RIO through a Demand Draft payable at New New Delhi/Panaji (Goa)/ Chennai/Shillong (as applicable Ref. Annex -I) favouring "The Deputy Director, Regional Inspectorial Organisation, CEA" .

Encl. : (To be clearly specified)

Signature of owner/Incharge.....

Designation

Address.....

Date.....

Note:- 1) Application for inspection HV lines(upto 33kV)shall be submitted **at least one month in advance** of expected date of completion of works to concerned RIO (Ref. Annex -I) alongwith required amount of inspection fee and one copy without enclosures shall be submitted to Headquarter i.e. **Chief Engineer's Office, New Delhi** (Refer Annex-I) simultaneously.

2) Application for inspection of **EHV Lines (above 33kV)** shall be submitted at least one month in advance of expected date of completion of works to Headquarter i.e. **Chief Engineer's Office, New Delhi** (Refer Annex-I) along with all enclosures and another copy shall be submitted to concerned RIO (Ref. Annex -I) alongwith all enclosures and required amount of inspection fee.

Annexure-1

Addresses where application are to be submitted for inspection under Rule 63 for Transmission Lines.

Sl.No.	Office Address	Area where Line is passing/Jurisdiction
1.	Chief Engineer(EI) & C.E. I. Govt. of India Central Electricity Authority, Wing No. 5, Ist Floor, West Block-II, RK Puram, New Delhi-110066. (HEADQUATERS) T.F.:011-6178835	ALL OVER INDIA.
ASSISTING OFFICES(RIO's)		
1.	Superintending Engineer, R.I.O.(North),C.E.A. , Room No. 320, Sewa Bhawan, R.K.Puram, New Delhi-110066 T.F.-011-6105967	Delhi, U.P., Uttranchal, Bihar, Haryana, Punjab, Himachal Pradesh, Rajasthan, M.P., Chattishgarh and Chandigarh U.T.
2.	Superintending Engineer, R.I.O. (South), C.E.A. Shastri Bhawan, III Floor, Block No. IV Chennai-600006 T.F.-044-8257051	Tamilnadu, Kerla, Andhra Pradesh, Orissa, Karnatka (except Distt. Of Uttar Kannada, Belgaum, Dharwad, Mangalore, Bijapur), U.T.s of Pondichery, Kairakal, Yanam, Mahe, Andaman and Nicobar and Lakshdeep.
3.	Superintending Engineer, R.I.O. (West), C.E.A., 5 th Floor, Vidyut Bhawan Panaji, Goa-403001 T.F.-0832-225863	Maharastra, Gujarat, Goa, Uttar Kannada, Belgaum, Dharwad, Mangalore, Bijapur districts of Karnatka. U.T.s of Daman & Diu, and Dadra & Nagar Haveli.
4.	Deputy Director, R.I.O., C.E.A., ZOREM Near Mizo Modern High School, Nongrim Hills, Shillong-793003. T.-0364-521086	Assam, Arunachal Pradesh, Nagaland, Manipur, Meghalaya, Mizoram, Tripura, West Bengal, Sikkim and Jharkhand.

Application Form for Approval of the Electrical Inspector to Energise the HV/EHV apparatus/installations under Rule 47A & 63 of I.E. Rules, 1956

- RIO: Chennai/Delhi/Goa/Shillong :
1. Name of installation(s) :
(with type & brief details)
 2. Applicant :
 - (a) Organisation & Address :
 - (b) Nodal Officer, with Address :
Phone & Fax Nos.
 3. Short circuit fault level of the installations :
 4. Interrupting capacity of Circuit Breakers :
 5. Minimum clearance of the bare conductor from the ground:
 6. Whether all relevant provisions of the I.E. Rules, 1956 :
have been duly complied with?
 7. Whether the installations has been completed, connected :
and ready for energisation
 - i. If YES – Attach completion certificate :
 - ii. If NOT- Indicate Target completion date and dates when:
inspection can be carried out
 8. Inspection fee to be deposited at respective RIO through
a Demand Draft Payable at New Delhi/Panaji Goa/Chennai/Shillong
(as applicable, Ref. Annex -I) favouring “The Dy. Director, Regional
Inspectorial Organisation, CEA” at respective RIO
D.D. No. _____ dt. _____ & Amount _____
 9. Enclose :
 - (a) Drawings showing the location, layout, elevation :
and section.
 - (b) Single Line Diagram with metering & protection :
 - (c) List of equipment giving quantity, KW/KVA capacity, :
voltage, brief name plate data
 - (d) List of protection devices schemes for each of the following
apparatus
 - (i) Transformers

- (ii) Motors
 - (iii) Bus bars
 - Generators
 - (iv) Reactors
 - (v) Others
 - (e) Drawing of earthing electrodes/mat
 - (f) Copy of site test results Equipment wise :
- i. Insulation resistance test
 - ii. Earth resistance test of individual electrodes and earth mat
 - iii. High voltage test
 - iv. Polarity test
 - v. Primary injection test
 - vi. Secondary injection and protection trip test
 - vii. Relay calibration test
 - viii. Annunciation test
 - ix. Function, sequence and interlock test
 - x. Dielectric test of oil
 - xi. OCC/SCC tests of Generator
 - xii. Excitation system and AVR tests
 - xiii. Protection stability and direction test
 - xiv. Voltage ratio and vector group test
- (g) Copy of manufacturer's routine test certificate for each equipment and cables :
 - (h) Copy of
 - (i) Contractor's license :
 - (ii) Electrical Supervisor Competency Certificate. :
 - (iii) In case the work sublet to another contractor (i)&(ii) :
for subcontractor to be submitted

Signature of Owner / Incharge.....

Designation & Seal.....

Address.....

- Note :-
- 1) Application for inspection HV Installations(upto 33kV)shall be submitted **at least one month in advance** of expected date of completion of works to concerned RIO (Ref. Annex –I) along with required amount of inspection fee, and one copy without enclosures shall be submitted to Headquarter i.e. **Chief Engineer's Office, New Delhi** (Refer Annex-I)simultaneously.
 - 2) Application for inspection of **EHV Installations (above 33kV)** shall be submitted at least one month in advance of expected date of completion of works to Headquarter i.e. **Chief Engineer's Office, New Delhi** (Refer Annex-I) along with all the enclosures and another copy shall be submitted to concerned RIO (Ref. Annex –I) along with all enclosures and required amount of inspection fee.

Annexure-1

Addresses where application are to be submitted for inspection under Rule 47A & 63 of Electrical Installations.

Sl.No.	Office Address	Location/Area of Installation
1.	Chief Engineer (EI) & Chief Electrical Inspector to G.O.I. Central Electricity Authority, Wing No. 5, Ist Floor, West Block-II, RK Puram, New Delhi-110066. (HEADQUATERS) T.F.:011-6178835	ALL OVER INDIA.
ASSISTING OFFICES(RIO's)		
1.	Superintending Engineer, R.I.O.(North),C.E.A. , Room No. 320, Sewa Bhawan, R.K.Puram, New Delhi-110066 T.F.-011-6105967	Delhi, U.P., Uttranchal, Bihar, Haryana, Punjab, Himachal Pradesh, Rajasthan, M.P., Chattishgarh and Chandigarh U.T.
2.	Superintending Engineer, R.I.O. (South), C.E.A. Shastri Bhawan, III Floor, Block No. IV Chennai-600006 T.F.-044-8257051	Tamilnadu, Kerla, Andhra Pradesh, Orissa, Karnatka (except Distt. Of Uttar Kannada, Belgaum, Dharwad, Mangalore, Bijapur), U.T.s of Pondichery, Kairakal, Yanam, Mahe, Andaman and Nicobar and Lakshdeep.
3.	Superintending Engineer, R.I.O. (West), C.E.A., 5 th Floor, Vidyut Bhawan Panaji, Goa-403001 T.F.-0832-225863	Maharastra, Gujarat, Goa, Uttar Kannada, Belgaum, Dharwad, Mangalore, Bijapur districs of Karnatka. U.T.s of Daman & Diu, and Dadra & Nagar Haveli.
4.	Deputy Director, R.I.O., C.E.A., ZOREM Near Mizo Modern High School, Nongrim Hills, Shillong-793003. T.-0364-521086	Assam, Arunachal Pradesh, Nagaland, Manipur, Meghalaya, Mizoram, Tripura, West Bengal, Sikkim and Jharkhand.

No. 25/9/80-Desk-I
GOVERNMENT OF INDIA
MINISTRY OF ENERGY
(DEPARTMENT OF POWER)

New Delhi, the 28th Feb., 1981

To

The Chairman
Central Electricity Authority
AB-5, Safdarjang Enclave
New Delhi

Subject : Periodicity of inspection of electrical installation belonging to or under control of Central Government.

Sir,

I am directed to refer to this Ministry's letter No. 37/18/78-Desk-I dated 27th Jan., 1979 and to say that the periodicity of inspection of the electrical installation belonging to or under the control of the Central Government has been considered in the Ministry and the need for prescribing shorter period of conducting inspection of electrical installation with a view to ensuring due compliance of Indian Electricity Act, 1910 and Indian Electricity Rules, 1956 has been examined. Now, it has been decided that the periodicity of inspection under Rule 45(1) of Indian Electricity Rules 1956 (framed under Section 37 of Indian Electricity Act, 1910) can be carried out by the Central Electrical Inspector or an officer appointed to assist him as indicated below :

S.No.	Nature of Installation	Periodicity of Inspection
i)	High voltage/Extra High Voltage Installation	to be inspected within two years
ii)	Medium Voltage Installation	to be inspected within 4 years
iii)	Low Voltage Installation	existing arrangement may be continued

2. This supersedes the instructions contained in this Ministry's letter No. 37/18/78-Desk-I dated the 27th January, 1979.

Yours faithfully

(S.K. Biswas)
Under Secretary to the Government of India

(TO BE PUBLISHED IN PART II, SECTION 3. SUB SECTON (ii) OF THE GAZETTE OF INDIA)

Government of India
Ministry of Power

New Delhi the 18th November, 1998

Notification

S.O. In exercise of the powers conferred by sub-section (1) of section 30 of Indian Electricity Act, 1910 (9 of 1910) and in supersession of the notification of Government of India in the Ministry of Power number S.O. 1447 dated the 29th June 19 published in part II section 3, sub-section (ii) of the gazette of India dated the 25 . Central Government hereby appoints Shri S. Santhanam, Chief Engineer (Elect. Inspectorate), Central Electricity Authority, New Delhi to the Electrical Inspector in respect of all installations belonging to or under the control of the Central Government and the Union Territories as specified below, except for the low voltage installations which shall continue be inspected by the respective suppliers of the electricity :-

- | | | |
|-----|--|--|
| 1. | Union Territories of the Andman & Nicobar Islands : Chandigarh, Dadra & Nagar havelli Daman & Diu, Lakshadweep, Pondicherry and The States of Arunachal Pradesh, Goa and Mizoram | All installations |
| 2. | Ministry Agriculture | All installations |
| 3. | Ministry of Chemicals and Fertiliser | All installations |
| 4. | Ministry of Civil Aviation and Tourism | All installations |
| 5. | Ministry of Civil Supplies Consumer Affairs & Public Distribution | All installations |
| 6. | Ministry of Coal | All installations |
| 7. | Ministry of Commerce | All installations |
| 8. | Ministry of Communications | All installations except Post & Telecommunications Deptt |
| 9. | Ministry of Defence | All installations except Engineering Services and Ordnance Factories |
| 10. | Ministry of Environment & Forests | All installations |
| 11. | Ministry of External Affairs | All installations |
| 12. | Ministry of Finance | All installations |

13.	Ministry of Food	All installations
14.	Ministry of Food Processing Industries	All installations
15.	Ministry of Health & Family Welfare	All installations
16.	Ministry of Home Affairs	All installations
17.	Ministry of Human Resource Development	All installations
18.	Ministry of Industry	All installations
19.	Ministry of Information & Broadcasting	All installations
20.	Ministry of Labour	All installations
21.	Ministry of Law Justice & Company Affairs	All installations
22.	Ministry of Mines	All installations except Min. of Oil Fields
23.	Ministry of Non Conventional Energy Sources	All installations
24.	Ministry of Parliamentary Affairs	All installations
25.	Ministry of Personnel Public Grievances & Pensions	All installations
26.	Ministry of Petroleum and Natural Gas	All installations except Mins. of Oil Fields
27.	Ministry of Planning	All installations
28.	Ministry of Power	All installations
29.	Ministry of Programme Implementation	All installations
30.	Ministry of Rural Development	All installations
31.	Ministry of Science & Technology	All installations
32.	Ministry of Steel	All installations
33.	Ministry of Surface Transport	All installations
34.	Ministry of Textile	All installations
35.	Ministry of Urban Development	All installations
36.	Ministry of Water Resources	All installations
37.	Ministry of Welfare	All installations

- | | | |
|-----|--|-------------------|
| 38. | Department of Atomic Energy | All installations |
| 39. | Department of Electronics | All installations |
| 40. | Department of Ocean Development | All installations |
| 41. | Department of Space | All installations |
| 42. | Cabinet Secretariat | All installations |
| 43. | President's Secretariat | All installations |
| 44. | Prime Minister's Office | All installations |
| 45. | Office of the commissioner for Scheduled Castes and Scheduled Tribes | All installations |
| 46. | Central Vigilance Commission | All installations |
| 47. | Election Commission of India | All installations |
| 48. | Supreme Court | All installations |
| 49. | Union Public Service Commission | All installations |

(P. L. Suvrathan)
Joint Secretary to the Government of India

To

The Manager
Government of India Press
Mayapuri
New Delhi

Copy to :

1. Chairman, Central Electricity Authority, Sewa Bhawan, New Delhi.
2. Chairman, Central Electricity Board, Central Electricity Authority, R.K. Puram, New Delhi
3. Member (Planning)/Member(GO)/Member(HE)/Member(Thermal)/Member (E&C), Central Electricity Authority, R.K. Puram, New Delhi.
4. Power Secretaries. All State Governments Union Territories
5. Chairman. All States Electricity Boards
6. Secretary, Central Electricity Board, Central Electricity Authority, R.K. Puram, New Delhi.

PS to Secy(P)/SS(P)/JS(PP&EA)/JS(T&A)/JS(H&S)/JS(G)/JS(IPC)/JS(F)

(P.L. Suvrathan)
Joint Secretary to the Government of India

(TO BE PUBLISHED IN PART-II SECTION 3(ii) OF THE GAZETTE OF INDIA)

GOVERNMENT OF INDIA

MINISTRY OF POWER

NOTIFICATION

New Delhi, the 18th November, 1998

S.O..... In exercise of the powers conferred by sub rule (20 of rule 7 of the Indian Electricity Rules, 1956 and in superession of order of the Government of India in the Ministry of energy No. S.O. 701 dated the 31st January, 1981, the Central Government hereby directs that fee, for testing and inspection and generally the services of Electrical Inspectors or any officers appointed to assist the electrical Inspectors in respect of the union territories and the various departments of the Central Government, shall be levied at the rates as specified in the Schedule annexed to this order and the rates of such fee shall remain in force for five years from the date of publication of this notification in the 1999-2000 official Gazette.

THE SCHEDULE

FEES PAYABLE FOR THE SERVICES OF ELECTRICAL INSPECTORS OR ANY OFFICER APPOINTED TO ASSIST THE ELECTRICAL INSPECTORS FOR UNION TERRITORIES AND CENTRAL GOVERNMENT DEPARTMENTS :

1. Definitions : In this Schedule “owner” includes and occupier of any building place carriage or vessel in which energy is or is about to be generated, received or used.
2. Levy of fees :
 - (1) Fees for initial or periodical inspection and testing made under the provisions of the Indian Electricity Act, 1910 (9 of 1910) and the rules made there under shall be levied at the rates specified in Scales ‘A’ to ‘D’ of this Schedule and collected from the owner.

Provided that in the case of second or subsequent inspection and testing within a period of twelve months from the date of first inspection, examination or test.
 - (a) One half of the fees specified in the said scale ‘A’ to ‘D’ shall be levied if, in the opinion of the Electrical Inspector or any officer appointed to assist the Electrical Inspector, the second or subsequent inspection and testing is necessitated by the neglect or failure of the owner to carry out within a stipulated time, any written instruction of the said Inspectors or officer or by a breach of any of the provisions of the said Act or the rules made there under and
 - (b) No fees shall be levied if the second or subsequent inspection or test is not so necessitated.
 - (2) Fees for initial or periodical inspection examination or testing or cinematography

apparatus and other public places or entertainment and for addition or alternation made therein, shall be levied at the rates specified in Scale 'E' of this Schedule and collected from the owner.

- (3) Fees for initial or periodical inspection, examination or testing of installations in factories shall be levied at the rates specified in scale 'F' of this Schedule and collected from the owner.
- (4) Fees for initial inspection, examination or testing of aerial lines and cables made under the provisions of the Indian Electricity Act, 1910 (9 of 1910) and the rules made there under shall be levied at the rates specified in scales 'G' to 'I' of this Schedules and collected from the owner.

Provided that, If in the opinion of the Electrical Inspector or any officer appointed to assisted to assist the Electrical Inspector a second or subsequent inspection and testing of the installation is necessitated by the neglect or failure of the owner. The Telephone authority or the owner as the case may be to carry out within stipulated time any written instructions of the said Inspector or any officer appointed to assist the Electrical Inspector or by a breach of any of the provisions of the Indian Electricity Act, 1910 or the rules made there under the fee for such second or subsequent inspection and testing shall be one half of the fee specified in Scales 'G' to 'I' of this Schedule.

- (5) Fee for the services of any Electrical Inspector or any officer appointed to assist the Electrical Inspector requisitioned by consumer or by a member of the public for purpose other than those specified in clauses (1) to (4) shall be levied at the rates specified in Scales I to O of this Schedule and collected from the owner.
- (6) Fee in case of dispute referred to the Electrical Inspector shall be levied and collected from the persons mentioned in scale 'P' of this Schedule.
- (7) Fees of the services of the Electrical Inspector or any officer appointed to assist the Electrical Inspector not specifically provided for in the said scale 'A' to 'P' shall be levied and collected as provided in Scale 'Q' of this Schedule.

3. PAYMENT OF FEES

- (1) The fees payable under this Schedule shall be paid either prior to or at the time of inspection or test by sending cross cheque or demand draft on any Scheduled Bank at new Delhi, Madras, Shillong or Panaji as the case may be.
- (2) For the installations belonging to and under the control of private consumers, the fee shall be payable by demand draft only. The cheques shall not be accepted. The demand draft may be drawn in favour of the concerned Deputy Director, Central Electricity Authority, Regional Inspectorial Organization, New Delhi, Madras, Shillong or Panaji as the case may be.
- (3) If for any reason the fee is not paid either prior to or at the time of inspection or test such fees shall be paid within 30 days from the date of issue of report of such inspection and testing. In the event of the failure of any owner to pay the fees within the specified time or before the date specified in fee notice action shall be

taken under clause (b) of sub rule (2) of Rule 46 of the Indian Electricity Rules, 1956.

SCALE `A`

For inspection and testing in pursuance of the Indian Electricity Rules 1956 for any electrical motor to which energy is or is about to be supplied or used at higher and medium voltage.

Capacity of each motor	Fee (Rs.)
(i) Up to and including 5 HP	30.00
(ii) Exceeding 5 HP and up to and including 10 HP	45.00
(iii) Exceeding 10 HP and up to and including 25 HP	150.00
(iv) Exceeding 25 HP and up to and including 50 HP	250.00
(v) Exceeding 50 HP and up to and including 100 HP	400.00
(vi) Exceeding 100 HP	500.00

SCALE `B`

GENERATING STATIONS

For inspection and testing in pursuance of provisions of the Indian Electricity Rules, 1956 of any generating unit, switchgear panels, bus ducts or cables or both on any generating station or any other place, in which energy is, or is about to be generated at a voltage of hundred volts or more. The fees to be levied is as shown below.

(a) For each generating unit along with mountings on the generator the fees shall be as follows :

Capacity of the generating unit installed in KW	Fee (Rs.)
(i) Upto and including 25 KW	250.00
(ii) Exceeding 25KW but not exceeding 100KW	750.00
(iii) Exceeding 100KW but not exceeding 500KW	1500.00
(iv) Exceeding 500KW but not exceeding 1000KW	2500.00
(v) Exceeding 1000KW but not exceeding 10000KW	5000.00
(vi) Exceeding 10000KW but not exceeding 50000KW	7500.00
(vii) Exceeding 50000KW but not exceeding 200000KW	10000.00
(viii) Exceeding 200000KW but not exceeding 500,000KW	15000.00
(ix) For each additional 100,000KW or part thereof	5000.00

Note :- If the exciter is grounded separately then separate fee shall be payable and the same shall be as for a motor installation.

(b) Bus ducts or cables or both connecting generating unit to the switchgear :-

- | | | |
|-----|------------|-----------|
| i) | for EHV/HV | Rs. 250/- |
| ii) | for MV | Rs. 100/- |

(c) The control panel of each generating unit :-

- | | | |
|-----|------------|-----------|
| i) | for EHV/HV | Rs. 250/- |
| ii) | for MV | Rs. 100/- |

(d) Each motor installation for controlling auxiliaries along with its control gear

As per Scale 'A'

(e) One block of distribution panel with continuous bus :-

- | | | |
|-----|------------|-----------|
| i) | for EHV/HV | Rs. 250/- |
| ii) | for MV | Rs. 100/- |

(f) Cables connecting the power house to the switchgear or the overhead line as the case may be :

As per Scale 'C – 2'

(h) Outgoing cables from a transformer to the switch gear :-

- | | | |
|-----|------------|-----------|
| i) | for EHV/HV | Rs. 250/- |
| ii) | for MV | Rs. 100/- |

(i) Out door switchyard

As per Scale 'C'

(j) G.O. Switches and the connecting bus lings in case of a small outdoor transforming installation in a generating station :- Rs. 100/-

SCALE 'C'

GRID SUB-STATION OR OUTDOOR SWITCHYARD

(66KV and above)

For inspection, examination and testing in pursuance of the Indian Electricity Rules, 1956 of any transformer, cables, control gear and other electrical equipment and or overhead buses in a grid sub station, outdoor switchyard or a generating station in any other place in which energy is or is about to be transformed, used or distributed the fee shall be levied as per scale given below :

- (a) For each transformer unit in a grid sub station or outdoor switchyard, the scale of fee shall be as given in the following table :-

Capacity of each transformer unit	Fee (Rs.)
i) Up to and including 100KVA	Rs. 250/-
ii) Exceeding 100KVA but not exceeding 500KVA	Rs. 500/-
iii) Exceeding 500KVA but not exceeding 1000KVA	Rs. 1000/-
iv) Exceeding 1000KVA but not exceeding 10000KVA	Rs. 1500/-
v) Exceeding 5000KVA but not exceeding 10000KVA	Rs. 2500/-
vi) Exceeding 10000KVA but not exceeding 20,000KVA	Rs. 3750/-
vii) For each additional 10,000 KVA or part thereof	Rs. 500/-

- (b) Each block of panels in a control room or the grid sub station – Rs. 50/- per cubicle
- (c) The battery room installation like rectified battery charges - Rs. 500/- per battery room.
- (d) One block of MV distribution panels or switches - Rs. 250/-
- (e) Synchronous condensers - as per table above
- (f) One bank of capacitors - Rs. 500/-
- (g) Each motor running a machine - as per scale 'A'
- (h) Each set of lightening arrestors CTs, PTs CVTs and coupling capacitors - Rs. 250/- 'A' each set
- (i) Each set of buses inclusive of its isolators - Rs. 250/- per set
- (j) Each set of EHV isolators :
- i) for 220KV and above - Rs. 500/- per set
- ii) for below 220KV - Rs. 250/- per set
- (k) Each set of OCBs along with it associated equipment :
- i) for EHV - Rs. 1000/-
- ii) for HV - Rs. 500/-

SCALE 'D'

DISTRIBUTION SUB-STATIONS

(33/11KV, 33/.416KV, 11/.416KV)

For inspection, examination or testing in pursuance of the Indian Electricity Rules, 1956 of a distribution sub-station inclusive of control panels, isolating switches, bus bars etc. the fee to be levied shall be as follows :

- (a) In coming pole structure having no transformer but including GO switches, drop out fuses and lightening arrestors :-

i) Fee for medium voltage	Rs. 275/-
ii) Fee for high voltage up to and Including 11KV	Rs. 500/-
iii) Fee for high voltage exceeding 11KV	Rs. 1000/-

(b)	The transformer in the sub-stations	as per scale C (b)
(c)	One block of control panel with circuit breakers and with continuous bus	Rs. 50/- per panel
(d)	HT cables connecting the pole structure with the transformer	Rs. 250/-
(e)	In case of indoor sub station cable from the pole structure to the controls panels	Rs. 250/-
(f)	A set of control panels	Rs. 250/-
(g)	Cables going from the control panels to the transformer	Rs. 250/-
(h)	Each distribution box controlling more than one feeder	Rs. 100/- per box
(i)	Cables from MV switch board to the outgoing O.H. line	Rs. 50/- per cable

SCALE `E`

For an inspection, examination or testing of the enclosure the cinematograph apparatus as per cinematograph rules and any other installation, an appliance or apparatus any place of public entertainment :-

- | | | |
|-----|--|------------|
| (a) | For the initial inspection, examination or testing of any electric installation – appliance or apparatus in a cinema or a theatre other than a traveling cinema or other temporary place of public entertainment referred to in clause (d) | Rs. 1000/- |
| (b) | for every subsequent annual inspection, examination or testing of the installation, appliance or apparatus in cinemas or theatres, referred to in clause (a) | Rs. 500/- |
| (c) | For an inspection, examination or testing or an authorized addition or alteration to the electric installation in cinema or a theatre referred to in clause (a) | Rs. 100/- |
| (d) | (i) For an inspection, examination or testing of any electric installation, appliance or apparatus in a traveling cinema or other temporary place of public entertainment. | Rs. 500/- |
| | (ii) For every subsequent inspection, examination or testing of any electric installation appliance or apparatus in such cinema or place of public entertainment periodical or necessitated on account of change of place of premise. | Rs. 250/- |
| (e) | For an inspection, examination or testing of electric installation, appliance or apparatus in a traveling or temporary cinema or other temporary place of public entertainment necessitated on account of a change of installation, appliance or apparatus so as to conform to the rules and regulations for permanent places of public amusement. | Rs. 500/- |

SCALE `F`

For inspection, examination or testing of any electrical installation, appliance or apparatus in pursuance of the Indian Electricity Rules, 1956 (other than generating station or grid sub station or a distribution sub station) for which a separate fee shall be charged under item (a) of Scale B, item (b) of scale of scale C and item (a) of scale D for a factory within the meaning of the Factories Act, 1948 (63 of 1948) to which the energy is supplied by a licensee or in which energy is generated.

- (a) For lighting or purposes other than power provided that no fees under this item shall be charged in respect of electrical installation, appliance or apparatus in any factory which does not come under the purview of the Factories Act, 1948

(63 of 1948..... Rs. 50,00 KW
of connected load or part thereof
subject to a max of Rs. 500/-

(provided that each separate building or shed in a factory or workshop within the factory premises shall be treated as one unit for determining the connected load)

- (b) For each motor with starterAs per Scale `A`
(c) Distribution system or supplying power to more than one motor Rs. 50/-
(d) for generating stations, grid sub stations or distribution sub station in which energy is or is about to be generated or transformed or distributed.
As per scale `B` to `D`
(e) For overhead traveling cranes :
i) Main switch board, rail and cabins. Rs. 500/-
ii) Motor Unit As per scale `A`

SCALE `G`

POWER SUPPLY TO CONSUMERS

- (a) EHV Power supply to consumers :

For inspection of power supply lines to the EHV consumers and the sub stations, the fee to be charged shall be as per scale `I` and scale `C` as may be applicable.

SCALE `H`

TOWERS AND CROSSINGS

For inspection, examination or testing of towers, crossing of aerial lines comprising of bare conductors, tower and crossings over a telegraph/telephone or other aerial lines etc.

- a) each tower in an EHV line
(66KV and above) Rs. 250/- per tower
b) each crossing, road crossing, crossing over
P&T lines and other power lines, river crossings
or Crossing over buildings. (i) EHV/HV line Rs. 250 per crossing
(ii) MV line Rs. 50 per crossing

SCALE 'I'

AERIAL LINES AND CABLES

For inspection, examination or testing of overhead lines, tee off points, sectionalizing points or transportation points, in pursuance of the Indian Electricity Rules, 1956, the fee to be levied shall be as follows :

- | | | |
|-----|--|--|
| (a) | i) EHV aerial lines or cables (above 33KV) | Rs. 250/- per 5 Kms. of circuit length or part thereof |
| | ii) for HV aerial lines or cables at voltage below 33 KV | Rs. 150/- per 5 Kms. of circuit length or part thereof |
| | iii) Overhead aerial lines or cables of medium and low voltage | Rs. 100/- per 5 Kms. of circuit length or part thereof |
- (b) Tee off point, transposition and sectionalizing points
- | | | |
|------|----|---------------------|
| (i) | HV | Rs. 100/- per point |
| (ii) | MV | Rs. 50/- per point |
- (c) Booster and capacitor banks : Rs. 100/-

Note : 1) Double circuit lines to be treated on the basis of single circuit lines only.
2) The fee shall be paid by the owner of the line or the licensee as the case may be

(b) Power Supply to HV consumers

The incoming structure to be charged as per scale laid down under scale 'D' and if the sub station is to be put up at the consumer's premises, the fees shall be as per Scale 'C'. the charge for inspection fee for lines/cables shall be as laid down in Scale 'I'.

(c) Power supply to MV consumers

For medium voltage or low voltage service connection : Rs. 30/-

(d) Multi storied buildings :

- | | | |
|------|--|--------------------------------|
| i) | fee of each distribution board | Rs. 30/- |
| ii) | lighting/fan/load | Rs. 30/- per KW |
| | | connected load or part thereof |
| iii) | in case of lifts, the fee to be levied shall be as follows : | |

Controlling panels/boards

Motor Unit.....As per scale 'A'

(e) All India Radio/Doordarshan

in case of AIR/Doordarshan, the fee to be levied shall be as follows

- | | | |
|-----|------------------------|------------------------|
| i) | each transmitter panel | Rs. 500/-
per panel |
| ii) | receiving station | Rs. 250/-
(minimum) |

(f) X-ray Plants :

The fee to be levied for inspection of neon-signs shall be.....

Minimum Rs. 150/- up to 400 KVA

Rs. 15/- per each KVA or part thereof in Excess

SCALE `J`

For inspection or issue of certificate under sub rule (3) of rule 82 of the Indian Electricity Rules, 1956

Rs. 250/-

SCALE `K`

For an inspection or examination of any electric system including trolley wires and overhead equipment and test of bonding and leakage current

Rs. 500/- a day
of part thereof

SCALE `L`

For testing and giving a decision on the accuracy of meters and other apparatus under sub section (6) and (7) of section 26 of the Indian Electricity Act, 1910 (9 of 1910)

a) For testing in the laboratory a meter of description;

i) Up to and including a capacity of 50 amps.

- | | | |
|---|----------------------------------|-----------|
| * | for low pressure installation | Rs. 75/- |
| * | for medium pressure installation | Rs. 100/- |
| * | for high pressure installation | Rs. 125/- |

ii) For a capacity exceeding 50 amps but not exceeding 200 amps

- | | | |
|---|-----------------------------------|-----------|
| * | for low pressure installations | Rs. 100/- |
| * | for medium pressure installations | Rs. 125/- |
| * | for high pressure installations | Rs. 150/- |

iii) For a capacity exceeding 200 amps.

- | | | |
|---|-----------------------------------|-----------|
| * | for low pressure installations | Rs. 175/- |
| * | for medium pressure installations | Rs. 200/- |
| * | for high pressure installations | Rs. 250/- |

- Note : (1) The licensee shall deliver the disputed meter in the laboratory at his own cost and receive back the same from there.
- (2) The licensee or the consumer requiring the meter to be tested on site shall have to pay in advance the TA charges for the inspecting officer.
- (3) (a) The test will be undertaken only of such meter for which facilities will be available in the said inspectorate. In other cases if arrangement be possible else where actual expenses in addition to the prescribed fee shall have to be borne.
- (b) The fees shall be paid in advance by the party referring the case but the Electrical Inspector or any other officer appointed to assist the Electrical Inspector shall decide under rule 8 of the Indian Electricity Rules, 1956 by whom such fee, TA charges and the expenses incurred in the delivering and taking back the meter shall be borne

Note :- In deciding the capacity of meters and other apparatus for the purpose of clause (1) of scale 'L' the capacities shall be reckoned as those of the shunts of the primary sides of the current Transformers wherever these are used with the meters or other apparatus.

SCALE 'M'

For inspection and testing of any main, distribution mains or service line internal wiring of medium and high voltage for the discovery of leakage therein which may result in electrolysis or injury to any water, gas or other pipe or any appliance connected therewith.

Rs. 200/- for the first
Hour or part thereof

Rs. 100 for next
Hour or part thereof

If any leakage is discovered in any such main distribution main or service line, the fee shall be paid by the licensee or the owner of the main, distributing main or service lines as the case may be.

If no leakage is discovered, the fee shall be paid by the owner of the water, gas or other pipe or of the appliance connected therewith.

SCALE 'N'

- (a) For the testing of an installation for leakage to earth Rs. 50/-

The fee shall be paid by the Party making such application

SCALE 'O'

- (a) For localizing of leakage to earth in any installation Rs. 50/- for first hour or part thereof Rs. 25/- for next Hour or part thereof

SCALE `P`

- (a) For deciding any case of difference or dispute arising under section 41(4), 26(4) of 26(6) of or clause V(2) or VI(3) of the Schedule to the Indian Electricity Act 1910 (9 of 1910) referred to the Inspector.

Rs. 250/- per decision

- (b) The fee shall be paid in advance by the party referring the dispute but will be borne finally by the person against whom the decision is given.

Provided that in the case of difference or dispute referred to the Electrical Inspector for being decided under Section 26(6) of the said Act, an additional fee for the testing of a meter in accordance with Scale `L` shall be recoverable.

- (c) The fee shall be chargeable in respect of each hearing and each inspection necessitated in the connection.

[F.No. 27/10/94-D(SEB)]

Sd/-
(P.I. SUVRATHAN)
Joint Secretary to the Govt. of India