

Guidelines for Application for a HV New Connection above Notified Voltage (650 V)

- All applications shall be online.
- The supply voltage is the utility's prerogative

i. Registration, Log-in & Submission of online Application

To make an Online New Connection Application kindly follow the following steps:

1) Registration

- Click on the New User Register link and fill up the details of Organization/ Establishment, Name, Designation, Email-Id & Mobile Number & proceed by clicking on the submit button.
- Once submitted, the password would be sent to your e-mail id. Kindly obtain the password from your mailbox in order to continue with the application.

2) Log-in and Onward Process

- Once the password is obtained please login and change your password in case you so desire. Kindly remember the password which you will require to access the system.

3) Submission of Application Form

- Once you have logged in, the Annexure A form would be displayed. Please fill in the details as required and submit the same after indicating the location of the premises using the map provided. You can also furnish the location of your premises in the text box provided for the purpose.
- Post submission you will be intimated of our next course of action through email.

ii. Inspection

Technical feasibility

- On successful receipt of the duly filled Annexure – A Form, an initial inspection will be conducted by an Engineer within 4 working days or on a mutually agreed date & time.
- Proposed HT Switch Room position in accordance to the standard dimensions will be identified and cable laying route will be finalized on initial or subsequent inspection(s), as the case may be.

- Presence of any other LT supply in the same premises, if identified would be required to be disconnected on commencement of HT supply.

iii. Processing of application and payment of Service Charges

- Post successful inspection, an offer comprising Estimates for service charge and Security Deposit along with other requisite compliances required for providing HT supply will be sent to the applicant along with service charge bill, Annexure-B form and Test form within 20 working days.
- The service charge bill has to be settled within 45 days of the Bill Date. The bill can be paid by Cash, Demand Draft / Pay order or through Net Banking.
- However, for the cases where supply cannot not be provided due to Techno-Commercial reasons, a letter will be sent to the applicant within 4 working days from date of final inspection, explaining the reasons.

iv. Cable Laying & HT Switch Room Setup activity

- On receipt of payment of the Service Charge Bill, process for obtaining requisite permissions for excavation of Roads from the concerned Authorities (Municipalities and others) for carrying out cable laying work will be initiated by CESC.
- After obtaining the permission from the concerned Authorities and availability of proper access for laying cables within the Applicant's premises, the Utility will complete the cable laying job.
- A design of the HT Switch Room will be provided to the Applicant. Erection of the same along with white-washing, proper electrical wiring is the sole responsibility of the Applicant. On completion of construction of the switch room, the Utility installs the Switchgear.
- Subsequent to completion of cable laying & installation of Switchgear, the Utility energises the bus bar of the Switchgear.

v. Security Deposit Bill & other Compliances

- A Security Deposit Bill will be generated, as per the relevant Regulations and sent to the Applicant.
- This Bill can be paid Online and also in the form of Bank Guarantee/ Letters of Credit (LC).
- The Applicant has to settle outstanding dues (if any).

- The Applicant also needs to fulfill other compliances such as submission of Annexure-B Form, Test Form, CEI Clearance, consent from existing LT Consumers for removal of existing LT Supply (if any) & rating of Capacitor Bank installed.
- The HT equipment of the applicant has to withstand High Voltage Pressure Test (a technical requirement) which will be carried out by the Utility

vi. Agreement

- Once the Security Deposit is paid and above documents are submitted, an Agreement paper is prepared and signed between the intending Consumer (Applicant) and the Utility.

vii. Activation of Supply

- Upon completion of all statutory formalities as mentioned above and on fulfillment of all compliances, including payment & submission of Statutory Documents, the connection will be effected within 15 (fifteen) working days from the date of receipt of RoW, provided the above time line will be reviewed on case to case basis where installation of switchgear and / or erection of a substation and / or laying of long length of cable or line is required and /or RoW is not received in time.

Single Point of Contact

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MATERIAL COST SCHEDULE

DESCRIPTION OF MATERIALS	UNIT	COST (Rs.)
CONSUMERS' MODULE (SF6)	No.	₹ 7,18,911
CONSUMERS' MODULE (SF6) - MOTORISED	No.	₹ 9,43,889
SF6 RMU (3 ISOLATOR & 1 CB UNIT): OUTDOOR MODIFIED (MOTORISED)	No.	₹ 8,62,320
SF6 RMU (3 ISOLATOR & 1 CB UNIT WITH EMBEDDED FRTU & 4G MODEM): OUTDOOR MODIFIED (MOTORISED)	No.	₹ 10,57,603
FRTU PANEL FOR AUTOMATION OF SF6 RMU (4 ISOLATOR UNIT)	No.	₹ 3,70,508
ST THROUGH JOINT (PILC - XLPE TRANSITION): HT	No.	₹ 22,565
ST THROUGH JOINT: HT	No.	₹ 13,313
ST THROUGH JOINT: OPTICAL FIBRE CABLE	No.	₹ 3,540
ST THROUGH JOINT/ TEE JOINT: MULTICORE/ LT	No.	₹ 1,461
TERMINATION (HEAT SHRINK - SC OUTDOOR): HT	Set	₹ 6,687
TERMINATION (HEAT SHRINK - SC INDOOR): HT	Set	₹ 12,458
TERMINATION (HEAT SHRINK - 3C OUTDOOR): HT	No.	₹ 2,655
TERMINATION (HEAT SHRINK - 3C INDOOR): HT	No.	₹ 2,597
TERMINATION: OPTICAL FIBRE CABLE	No.	₹ 3,540
TERMINATION: MULTICORE/ LT	No.	₹ 1,120
HT COVER TILES - 6 kV/ 11 kV	Mtr.	₹ 48
MULTICORE/ OFC COVER TILES	Mtr.	₹ 65
LT COVER TILES	Mtr.	₹ 21
DISTRIBUTION TRANSFORMER (400 KVA OIL COOLED)	No.	₹ 12,64,559
DISTRIBUTION TRANSFORMER (400 KVA DRY TYPE)	No.	₹ 18,67,940
DISTRIBUTION TRANSFORMER (500 KVA DRY TYPE)	No.	₹ 20,88,600
PACKAGED SUBSTATION (990 KVA DRY TYPE)	No.	₹ 38,50,727
STEEL STRUCTURE FOR P/T WITH CONCRETE BASE	Set	₹ 94,126
SCAFFOLDING ON P/T STRUCTURE	No.	₹ 28,119
HDPE PIPE (400 MM DIA) WITH COUPLER	Mtr.	₹ 5,012
HDPE PIPE (315 MM DIA) WITH COUPLER	Mtr.	₹ 2,373
HDPE PIPE (160 MM DIA) WITH COUPLER	Mtr.	₹ 742
HDPE PIPE (110 MM DIA) WITH COUPLER	Mtr.	₹ 472
DWC PIPE (160 MM DIA) WITH SOCKET	Mtr.	₹ 305
DWC PIPE (63 MM DIA) WITH SOCKET	Mtr.	₹ 48
GI PIPE (80 MM DIA)	Mtr.	₹ 582
GI PIPE (50 MM DIA)	Mtr.	₹ 376
MODIFIED 8 WAY PILLAR BOX (WITH 8 X 630 A UNITS)	No.	₹ 1,56,940
MODIFIED 6 WAY PILLAR BOX (WITH 6 X 630 A UNITS)	No.	₹ 1,25,670
MODIFIED 4 WAY PILLAR BOX (WITH 4 X 630 A UNITS)	No.	₹ 88,500
MODIFIED 2 WAY SERVICE PILLAR BOX (WITH 2 X 630 A UNITS)	No.	₹ 49,560
FUSE TRIP UNIT (630 A) FOR MODIFIED PILLAR BOX	No.	₹ 9,098
31 FT MS POLE WITH MUFFING AND EARTHING	No.	₹ 14,299
MS POLE FITTINGS COMPLETE (5 WIRE AND STREET LIGHTING)	Set	₹ 1,780
150 MM ² AL XLPE LT ABC	Mtr.	₹ 795
ACSR RACOON (6/1/4. 09 MM)	Mtr.	₹ 78

MATERIAL COST SCHEDULE

DESCRIPTION OF MATERIALS	UNIT	COST (Rs.)
ACSR FERRET (6/1/3. 00 MM)	Mtr.	₹ 42
CT METERING EQUIPMENT (300/5)	Set	₹ 20,060
CT METERING EQUIPMENT (200/5)	Set	₹ 14,018
200 /5 A 3 Phase LT CT Bank	No.	₹ 3,947
300 /5 A 3 Phase LT CT Bank	No.	₹ 4,366
LTCT Smart Meter	No.	₹ 9,322
EARTHING MATERIALS FOR NEUTRAL OR BODY EARTHING	Set	₹ 9,817
FIRE FIGHTING EQUIPMENT AT TRANSFORMER HOUSE	Set	₹ 7,718
200 A SINGLE ENTRY COMPOSIT CUT - OUT BOX	No.	₹ 1,699
MCB 63A DP with SMC Box	No.	₹ 679
MCB 63A TP with SMC Box	No.	₹ 966
MCB 80A TP with SMC Box	No.	₹ 3,048
MCB 125A TP with SMC Box	No.	₹ 3,282
MCCB 200A TP with SMC Box	No.	₹ 5,213
MCCB 250A TP with SMC Box	No.	₹ 7,403
185 SQ MM AL SINGLE CORE WP PVC CABLE	Mtr.	₹ 186
10 SQ MM CU SINGLE CORE NON - WP PVC CABLE	Mtr.	₹ 107
70 SQ MM CU SINGLE CORE NON - WP PVC CABLE	Mtr.	₹ 772
SSN Smart Meter - 1 Ph	No.	₹ 6,024
SSN Smart Meter - 3 Ph	No.	₹ 12,331
2 WAY SMC METER BOARD	No.	₹ 1,587
4 WAY SMC METER BOARD	No.	₹ 2,591
2 WAY FRP METER BOARD	No.	₹ 779
4 WAY FRP METER BOARD	No.	₹ 1,493
SERVICE KIT FOR 25 MM2 CABLE EXCLUDING METER BOARD - UG	No.	₹ 690
SERVICE KIT FOR 25 MM2 CABLE EXCLUDING METER BOARD - OH	No.	₹ 1,725
SERVICE KIT FOR 70 MM2 CABLE EXCLUDING METER BOARD - UG	No.	₹ 1,230
SERVICE KIT FOR 70 MM2 CABLE EXCLUDING METER BOARD - OH	No.	₹ 3,200

LABOUR COST SCHEDULE

ITEM DESCRIPTION	UNIT	COST (Rs.)
HV CABLE LAYING :		
i) ONE CABLE IN ONE TRENCH	Mtr.	₹ 2,055
ii) EACH ADDITIONAL CABLE IN SAME TRENCH	Mtr.	₹ 409
iii) ONE CABLE BY MICROTUNNELLING	Mtr.	₹ 1,733
iv) TWO CABLES BY MICROTUNNELLING	Mtr.	₹ 2,638
MV CABLE LAYING :		
i) ONE CABLE IN ONE TRENCH	Mtr.	₹ 1,540
ii) EACH ADDITIONAL CABLE IN SAME TRENCH	Mtr.	₹ 304
PIPE LAYING	Mtr.	₹ 2,458
DUCT LAYING BY MICROTUNNELLING FOR OFC CABLE	Mtr.	₹ 293
HT JOINTING	Joint	₹ 26,458
OFC JOINTING	Joint	₹ 37,282
L.T JOINTING	Joint	₹ 8,287
CUBICLE SET	Day	₹ 30,724
PILLAR BOX ERECTION	No.	₹ 34,236
SHIFTING OF PILLAR BOX	No.	₹ 48,031
REMOVAL OF PILLAR BOX	No.	₹ 14,474
ERECTION OF P/T STRUCTURE & SCAFFOLDING	No.	₹ 34,517
INSTALLATION OF TRANSFORMER	No.	₹ 33,415
INSTALLATION OF PACKAGED SUBSTATION (PSS)	No.	₹ 1,40,000
TESTING DEPT. EXPENSES PER SCHEME FOR MV SOURCE		₹ 11,500
TESTING DEPT. EXPENSES PER SCHEME FOR OTHERS		₹ 26,000
GOVERNMENT INSPECTOR'S FEE FOR SALES SCHEME		₹ 100
GOVERNMENT INSPECTOR'S FEE FOR GENERAL SCHEME		₹ 300
CONSTRUCTION OF O/T OR PSS PLINTH		₹ 2,00,000

**LABOUR COST SCHEDULE FOR MV / LT NEW CONNECTION/EXTENSION OF LOAD/
ALTERATION OF CONNECTION ETC.**

ITEM DESCRIPTION	UNIT	COST (Rs.)
I UNDERGROUND SERVICE (Road Restoration to be charged on MP):		
<i>A) NEW SERVICE</i>		
i) INSTALLATION UPTO 13 M CABLING IN PP	No.	₹ 23,242
ii) ADDITIONAL CABLE LAYING IN PP	Mtr.	₹ 369
iii) ADDITIONAL CABLE LAYING IN PCP/ MP	Mtr.	₹ 369
<i>B) SHIFTING OF SERVICE</i>		
i) UPTO 10 M	No.	₹ 24,472
ii) REST FOR EVERY 3 M OR PART THEREOF	Per 3 Mtr.	₹ 1,107
<i>C) STRENGTHENING OF SERVICE</i>		
i) BY REPLACEMENT OF CABLE UPTO 10 METRE	No.	₹ 25,087
ii) REST FOR EVERY 3 METRE OR PART THEREOF	Per 3 Mtr.	₹ 1,107
II OVERHEAD SERVICE:		
<i>A) NEW MODIFIED SERVICE</i>		
i) INSTALLATION UPTO 16 METRE CABLING	No.	₹ 23,242
ii) ADDITIONAL CABLE LAYING	Mtr.	₹ 369
<i>B) SHIFTING OF SERVICE BY MODIFIED METHOD</i>		
i) UPTO 10 M	No.	₹ 24,472
ii) ADDITIONAL CABLE LAYING	Mtr.	₹ 369
<i>C) STRENGTHENING OF SERVICE BY MODIFIED METHOD</i>		
i) BY REPLACEMENT OF CABLE UPTO 10 M	No.	₹ 24,472
ii) ADDITIONAL CABLE LAYING	Mtr.	₹ 369
III SINGLE PHASE METER LOOP WIRING (INCL MAT & SUPERVISION)	No.	₹ 1,465
IV THREE PHASE METER LOOP WIRING (INCL MAT & SUPERVISION)	No.	₹ 2,930
V STRENGTHENING OF CUT OUT WITH MCCB (INCL MAT & SUPERVISION)	No.	₹ 5,823
VI TYPE III SET LABOUR	DAY	₹ 41,064
VII TYPE II SET LABOUR	DAY	₹ 26,317
VIII METER SET LABOUR PER GROUP	DAY	₹ 5,186
IX CUT OUT REP SET LABOUR PER GROUP	DAY	₹ 4,798
X PETTY STORES	LS	₹ 600

COST SCHEDULE FOR HV / OPTICAL FIBRE /MV CABLING

GRADE & SIZE OF CABLE	UNIT	COST OF CABLE (Rs.)	COST OF TILES (Rs.)	COST OF CABLE & TILES (Rs.)	PETTY STORES @5% (Rs.)	MATERIAL COST (Rs.)	LABOUR CHARGES (Rs.)
11 kV 630 mm ² 1-CORE Cu XLPE	Ckt. Mtr.	₹ 26,139	₹ 48	₹ 26,187	₹ 1,309	₹ 27,496	₹ 2,076
11 kV 300 mm ² 3-CORE Al XLPE	Mtr.	₹ 2,080	₹ 48	₹ 2,128	₹ 106	₹ 2,234	₹ 2,055
MV 400 mm ² Al 4 CORE XLPE	Mtr.	₹ 1,830	₹ 21	₹ 1,851	₹ 93	₹ 1,944	₹ 1,540
MV 240 mm ² Al 3 1/2 CORE PVC	Mtr.	₹ 1,047	₹ 21	₹ 1,068	₹ 53	₹ 1,121	₹ 1,540
MV 70 mm ² Al 3 1/2 CORE PVC	Mtr.	₹ 340	₹ 21	₹ 361	₹ 18	₹ 379	₹ 1,540
MV 25 mm ² Al 3 1/2 CORE PVC	Mtr.	₹ 180	₹ 21	₹ 201	₹ 10	₹ 211	₹ 1,540
48 FIBRE OFC (ARMOURED)	Mtr.	₹ 99	₹ 65	₹ 164	₹ 8	₹ 172	₹ 2,055

COST SCHEDULE FOR CONSUMER CONTRIBUTION

ITEM	UNIT	MATERIAL COST (Rs.)	LABOUR CHARGES (Rs.)
6 KV / 11 kV CABLING :			
630 mm ² Cu 1-CORE XLPE	Ckt. Mtr.	₹ 27,496	₹ 2,076
300 mm ² Al 3-CORE XLPE	Mtr.	₹ 2,234	₹ 2,055
300 mm ² Al 3-CORE XLPE BY MICRO TUNNELLING	Mtr.	₹ 2,234	₹ 1,733
1.1 kV CABLING :			
400 mm ² Al 4 CORE XLPE	Mtr.	₹ 1,944	₹ 1,540
240 mm ² Al 3 1/2 CORE PVC	Mtr.	₹ 1,121	₹ 1,540
70 mm ² Al 3 1/2 CORE PVC	Mtr.	₹ 379	₹ 1,540
25 mm ² Al 3 1/2 CORE PVC	Mtr.	₹ 211	₹ 1,540
OF CABLING :			
48 FIBRE OPTICAL FIBRE CABLE (ARMOURED)	Mtr.	₹ 172	₹ 2,055
SWITCHGEAR INSTALLATION (6 KV / 11 KV) :			
CONSUMERS' MODULE (SF6)	No.	₹ 7,18,911	₹ 2,45,788
CONSUMERS' MODULE (SF6) - MOTORISED	No.	₹ 9,43,889	₹ 2,45,788
SF6 RMU (3 ISOLATOR & 1 CB UNIT): OUTDOOR MODIFIED (MOTORISED)	No.	₹ 8,62,320	₹ 1,84,341
PIPE LAYING (INCLUDING MATERIAL COST) :			
HDPE PIPE (400 MM DIA)	Mtr.	₹ 5,012	₹ 2,458
HDPE PIPE (315 MM DIA)	Mtr.	₹ 2,373	₹ 2,458
HDPE PIPE (160 MM DIA)	Mtr.	₹ 742	₹ 2,458
HDPE PIPE (110 MM DIA)	Mtr.	₹ 472	₹ 2,458
DWC PIPE (160 MM DIA) WITH SOCKET	Mtr.	₹ 305	₹ 2,458
DWC PIPE (63 MM DIA) WITH SOCKET	Mtr.	₹ 48	₹ 2,458

COST SCHEDULE FOR CONSUMER CONTRIBUTION

ITEM	UNIT	MATERIAL COST (Rs.)	LABOUR CHARGES (Rs.)
6 KV / 11 KV JOINTING :			
ST THROUGH JOINT (PILC - XLPE TRANSITION): HT	No.	₹ 22,565	₹ 26,458
ST THROUGH JOINT: HT	No.	₹ 13,313	₹ 26,458
TERMINATION (HEAT SHRINK - SC OUTDOOR): HT	Set	₹ 6,687	₹ 26,458
TERMINATION (HEAT SHRINK - SC INDOOR): HT	Set	₹ 12,458	₹ 26,458
TERMINATION (HEAT SHRINK - 3C OUTDOOR): HT	No.	₹ 2,655	₹ 26,458
TERMINATION (HEAT SHRINK - 3C INDOOR): HT	No.	₹ 2,597	₹ 26,458
OF CABLE & LT JOINTING :			
ST THROUGH JOINT: OPTICAL FIBRE CABLE	No.	₹ 3,540	₹ 37,282
ST THROUGH JOINT/ TEE JOINT: MULTICORE/ LT	No.	₹ 1,461	₹ 8,287
TERMINATION: OPTICAL FIBRE CABLE	No.	₹ 3,540	₹ 37,282
TERMINATION: MULTICORE/ LT	No.	₹ 1,120	₹ 8,287
DISTRIBUTION TRANSFORMER INSTALLATION :			
OUTDOOR TRANSFORMER (400 KVA OIL COOLED)	No.	₹ 12,69,753	₹ 2,86,331
OUTDOOR TRANSFORMER (400 KVA DRY TYPE)	No.	₹ 18,73,134	₹ 2,86,331
OUTDOOR TRANSFORMER (500 KVA DRY TYPE)	No.	₹ 20,93,794	₹ 2,86,331
POLE MOUNTED TRANSFORMER (400 KVA OIL COOLED)	No.	₹ 13,91,999	₹ 1,20,848
POLE MOUNTED TRANSFORMER (400 KVA DRY TYPE)	No.	₹ 19,95,380	₹ 1,20,848
POLE MOUNTED TRANSFORMER (500 KVA DRY TYPE)	No.	₹ 22,16,040	₹ 1,20,848
TRANSFORMER HOUSE (400 KVA OIL COOLED)	No.	₹ 12,85,188	₹ 86,331
TRANSFORMER HOUSE (400 KVA DRY TYPE)	No.	₹ 18,88,569	₹ 86,331
TRANSFORMER HOUSE (500 KVA DRY TYPE)	No.	₹ 21,09,229	₹ 86,331
PACKAGED SUBSTATION (990 KVA DRY TYPE)	No.	₹ 38,55,921	₹ 3,07,460

COST SCHEDULE FOR CONSUMER CONTRIBUTION

ITEM	UNIT	MATERIAL COST (Rs.)	LABOUR CHARGES (Rs.)
PILLAR BOX JOB:			
ERECTION OF MODIFIED 8 WAY PILLAR BOX	No.	₹ 1,56,940	₹ 34,236
ERECTION OF MODIFIED 6 WAY PILLAR BOX	No.	₹ 1,25,670	₹ 34,236
ERECTION OF MODIFIED 4 WAY PILLAR BOX	No.	₹ 88,500	₹ 34,236
ERECTION OF MODIFIED 2 WAY PILLAR BOX	No.	₹ 49,560	₹ 34,236
SHIFTING OF PILLAR BOX	No.	₹ -	₹ 48,031
REMOVAL OF PILLAR BOX	No.	₹ -	₹ 14,474
MV OH POLE JOB:			
ERECTION OF MV OH POLE	No.	₹ 16,079	₹ 20,469
SHIFTING OF MV OH POLE	No.	₹ -	₹ 23,552
REMOVAL OF MV OH POLE	No.	₹ -	₹ 21,285

Cost Schedule for 2023-24 has been prepared and published in terms of Regulation 11 of West Bengal Electricity Regulatory Commission (Recovery of Expenditure for Providing New Connections) Regulations, 2013. Other Charges like Supervision Charges, Road Restoration Charges etc. are as applicable.

Date - 15.02.2024