

## The Electricity (Supply) Act

An Act to provide for the rationalization of the production and supply of electricity and generally for taking measure conducive to electrical department.

All MSME units are to be obtained power connection as per The Electricity Supply Act, 1948 and amended thereof time to time from the Authority/Board. Bulk License, Control Station, Generate station, License, Main transmission, Maximum Demand & Power system etc are to be intimated clearly.

### Procedure for new connection under WBSEDCL.

1. Please visit the website ([www.wbseedcl.co.in](http://www.wbseedcl.co.in)) for effecting new connection.
2. The intending consumer shall submit filled up application as perform in **WBSEDCL-1(Annexure-A)** with the following documents and requisite Earnest Money as follows:
  - a) The detailed list of electrical equipments with number and corresponding wattages as per 'Annexure-A1'
  - b) Self- certification as per Annexure-A2 for electrical installation of the premises of the consumer for which new connection is being applied for or the test results duly signed by the licensed Electrical Contractor;
  - c) self certification of installation of capacitor at incoming side of service connection but after the meter of LV&MV industrial consumers, public water works consumers, commercial consumers having contract demand of 10 kVA or above;
  - d) Requisite Earnest Money as will be required.
  - e) Document(s) of bonafide occupation or ownership of a premises through any one of the documents such as Passport / Voter Identity Card / Rent Bill / Rent Control Challan / Telephone Bill / Municipal or any other Tax Bill / Ration Card / Certificate from Panchayat / any other documents issued by any Ministry or Department of Government showing his occupancy of the premises applied for etc.
  - f) For LV & MV consumers, a sketch of new line required for service connection showing the premises from existing LV & MV line is required to be submitted by the intending consumer.

Note: "In principle clearance for establishment from the Pollution Control Board concerned, wherever applicable" linked with the application for new connection, has been dispensed with (vide memo no. 89-PO/0/C-III/4M-02/2015 dated 01.04.2015)
3. On receiving application as per **WBSEDCL-1 (Annexure-A)**, WBSEDCL shall issue a quotation,
4.
  - a). On receiving the quotation the intending consumer shall submit the quotation amount and application-cum-agreement form in **WBSEDCL-1 (Annexure-B)** along with other necessary documents (such as **Annexure-B1** and **Annexure-B2**)
  - b) The intending consumer shall receive the signed and dated receipt with office seal for Quotation Money and application-cum- agreement form.
5. Consumer or his representative shall have to submit the signed documents on confirmation for effecting service connection and receiving of power supply along with initial meter reading.

For details please visit the website [www.wbseedcl.co.in](http://www.wbseedcl.co.in)

## **F.A.Q.**

### **1. Do you require Electrical Power Connection for your Enterprise?**

Yes, contact respective authority to obtain Power Connection from WBSEDCL/CESC/DPSC Ltd./DVC/DPL etc. as the case may be.

### **2. Did you apply for power to the respective supply authority?**

If no, please apply to the respective Supply Authority with their requisite requirement. In this matter please visit the respective website of the concern supply Authority e.g.

For WBSEDCL – [www.wbseedcl.co.in](http://www.wbseedcl.co.in)

For CESC – [www.cesc.co.in](http://www.cesc.co.in)

### **3. Did you complete the total electrical installation in your factory premises?**

If yes, please obtain approval from the Chief Electrical Inspector, Directorate of Electricity, Govt. of West Bengal. This will help entrepreneurs to receive power from Supply authority.

### **4. What is the Procedure for new connection under WBSEDCL.**

#### **Step-1:**

- i). Please see technical requirement for effecting new connection.
- ii) The intending consumer shall submit filled up application as perform in **WBSEDCL-1 (Annexure-A)** with the following documents and requisite Earnest Money as follows:
  - f) In-principle clearances for establishment from the Pollution Control Board concerned where applicable .(At present on the date of issue of this order it is applicable to premises used by industrial consumers and residential / residential-cum-commercial premises of more than 100 flats and/or 60,000 sqft. Floor area);
  - g) The detailed list of electrical equipments with number and corresponding wattages as per 'Annexure-A1'
  - h) Self- certification as per Annexure-A2 for electrical installation of the premises of the Consumer for which new connection is being applied for or the test results duly signed by the licensed Electrical Contractor;
  - i) self certification of installation of capacitor at incoming side of service connection but After the meter of LV&MV industrial consumers, public water works consumers, Commercial consumers having contract demand of 10 kVA or above;
  - j) Requisite Earnest Money as follows:
    - i. Industrial load - Rs.2,000/-
    - ii. For commercial purpose of contract - Rs 1,000/- demand of 10 KVA and above
    - iii. Earnest money shall also be taken from a State / Central Government department /office, State / Central Government hospital, non-profit making educational and research institutions including public libraries owned and run by either State Government or Central Government.
    - iv. For purpose other than (i) & (ii) above - Rs 200/-
  - f) Document(s) of bonafide occupation or ownership of a premises through any one of the documents such as Passport / Voter Identity Card / Rent Bill / Rent Control Challan / Telephone Bill / Municipal or any other Tax Bill / Ration Card / Certificate from Panchayat / any other documents issued by any Ministry or Department of Government showing his occupancy of the premises applied for etc.

- g) For LV & MV consumers, a sketch of new line required for service connection showing the premises from existing LV & MV line is required to be submitted by the intending consumer.
- 3) The intending consumer shall receive the signed and dated receipt with office seal for Earnest Money and application.

#### **Step-2**

On receiving application as per **WBSEDCL-1 (Annexure-A)**, WBSEDCL shall either

- i). Issue a quotation, or
- ii) issue a letter to the consumer informing WBSEDCL's inability to provide supply due to any specific non-compliance by the consumer or any other reasons.

#### **Step-3**

- i). On receiving the quotation the intending consumer shall submit the quotation amount and application-cum-agreement form in **WBSEDCL-1 (Annexure-B)** along with other necessary documents (such as **Annexure-B1** and **Annexure-B2**)
- ii) The intending consumer shall receive the signed and dated receipt with office seal for Quotation Money and application-cum- agreement form.

#### **Step-4**

Consumer or his representative shall have to submit the signed documents on confirmation for effecting service connection and receiving of power supply along with initial meter reading.

5. **What is the Space required for installation of single phase meter for providing power supply to Low and Medium Voltage intending consumers having connected load upto KW?**
- a) Space required for installation of meter should be provided at an easily Accessible location of the premises which should be free from any Hindrances.
  - b) It should be properly illuminated for taking meter reading.
  - c) The intending consumer is to provide a space of size 2.5 ft length and height 5.5 ft for Installation of meter, main switch, cut-outs, earth bars etc on 10 inches concrete wall. In case of Kaccha house, a separate meter room of size 3ft(length) x 4ft(breath) x 6.5ft(height) is to be provided.
  - d) Earthing arrangement should be provided near the meter by the intending consumers as per IE rules.
6. **What is the Space required for installation of three phase meter for providing power supply to Low and Medium Voltage intending consumers having Connected load less than 50 KVA?**
- a) Space required for installation of meter should be provided at an easily accessible location of the premises which should be free from any hindrances.
  - b) It should be properly illuminated for taking meter reading.
  - c) The intending consumer is to provide a space of size 4 ft length and height 5.5 ft for installation of meter, main switch, cutouts, earth bars etc.
  - d) Earthing arrangement should be provided near the meter by the intending consumers as per IE rules.

**7. What is the Space required for installation of meter along with accessories for providing power supply to Low and Medium Voltage intending Consumers having contract demand of 50 KVA and above and upto 125 KVA?**

The intending consumer has to provide a space for installation of metering kiosk having size 5.6 ft(Height) x 4 ft(length) x 3 ft(breath) at easily accessible location preferably Within a distance of 10 meters from the entrance. It should preferably be installed inside a room of adequate size (with proper ventilation and illumination) which should be provided by the intending consumer for installation of the metering kiosk.

**8. What is the co relation between contact demand & Supply Voltage for obtaining power connection by industries?**

- |  |   |
|--|---|
| i) For contract demand upto 125 KVA                          | Supply voltage will be 230V or 415V in single phase/3 phase |
| ii) For contract demand above 125 KVA up to 500 KVA<br>phase | Supply voltages will be 11 KV, 3                            |
| iii) Contract demand above 500 KVA upto 1500KVA              | - Do –  |
| iv) Contract demand above 1500 KVA                           | 33 KV, 3 Phase  |

**9. What is the preparation to be made ready by consumer or industry?**

- i) Complete electrical installation along with required substation.
- ii) Test Certificate from Licensed Electrical Contractor for the complete installation.
- iii) Complete planned sketch of the Electrical Installation made in the premises.

For details visit the website [www.wbsedcl.co.in](http://www.wbsedcl.co.in)

**10. What is the procedure new HT CONNECTION under CESC**

Please mention and describe important landmark in the vicinity, if any, to facilitate easy identification of the premises.

Please attach, if possible, a small sketch (not on scale) indicating the location of the premises.

Earnest Money to be deposited along with the application for new connection :

EHV & HV supply	
6KV/11KV	- Rs. 5,000/-
33KV	- Rs. 20,000/-
132KV	- Rs. 1,00,000/-

For details visit the website – [www.cesc.co.in](http://www.cesc.co.in)

**Give the brief procedure for new power connection from WBSEB,CESE,DVC,DPL & DPSCL**

**Power Connection**

Unit has to make application for power supply to the agency within whose command area the unit is located. For more details refer - <http://www.wbpower.nic.in/> & <http://www.dvcindia.org/>

Activities	Whom to Apply	When to Apply	Form	Documents to be attached	Fees	Remarks
Application for Power	WBSEB/CESE/DVC/DPL/DPSCL (As per area demarcation)	After sanction of site plan by competent authority	As per applicable Power Supply Agency	(1) Site plan showing the premises, point of supply, road etc. to be submitted (2) Registration Certificate, MoA & AoA (3) Clearance from Pollution Control Authority (4) IEM/ Relevant industrial approvals	See Remark	(1) Service Areas:(a) WBSEB: Entire State except areas under other utilities (b) CESC: KMC & Howrah Municipality area (c) DPL: Durgapur proper only (d) DPSCL: Raniganj Colliary Belt only (e) DVC : Bankura, Burdwan and Purulia (Valley area only) (2) For Consumer portion: (a) Rules of Power Supply Agency to be followed (b) Permission of Chief Electrical Inspector, Electricities Directorate necessary (3) Earnest Money as per quantum of power supply. Cost of connection will depend on power requirement, distance of line length etc (4) E.T.- 5 weeks
WBSEB: West Bengal State Electricity Board DPL: Durgapur Projects Ltd IEM: Industrial Entrepreneurs Memorandum	CESE: Calcutta Electric Supply Corporation DPSCL: Dishegarh Power Supply Company Ltd MoA & AoA: Memorandum & Articles of Association	DVC: Damodar Valley Corporation KMC: Kolkata Municipal Corporation				