

# FORUM OF REGULATORS



## LOAD BASED CONNECTION CHARGES

JUNE 2017

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## 1. Introduction

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1.1 The Central Electricity Regulatory Commission (CERC) was constituted in July, 1998 under the provisions of the ERC Act, 1998. The ERC Act, 1998 has since been replaced by the Electricity Act, 2003 and CERC created under the provisions of the ERC Act, 1998 has been recognized as the Central Electricity Regulatory Commission under the Electricity Act, 2003. The Electricity Act, 2003 has entrusted on CERC several other responsibilities in addition to the tariff fixation. These include the powers to grant license for inter-State transmission, inter-State trading and consequently to amend, suspend and revoke the license, the powers to regulate the licensees by setting performance standards and ensuring their compliance, etc.

1.2 A communication from the Ministry of Power was received in the CERC, wherein the issue related to connection charges payable by the prospective electricity consumers has been discussed. Relevant extract from the communication is quoted below:-

*“One of the serious impediments faced by prospective domestic consumers is exorbitant estimates charged for taking connection. In such scenario, unduly high burden of last mile connectivity falls on consumer. Therefore, it would be prudent to switch to load based connection charge. Several States have already brought amendments in their supply code and introduced load based estimates for domestic consumers. This provides transparency as well as encourages prospective consumers to take connections”*

1.3 In the above context, MoP requested CERC to internally examine the issue of load based connection charge for a new connection especially for domestic households and small shops/ commercial establishments and sought to advise SERCs to facilitate the prospective consumers with easy access to electricity.

1.4 The Chairperson, CERC, who is also the Chairperson of the Forum of Regulators (FOR) considered the subject matter and referred the same to the Working Group of Forum of Regulators which was already constituted for “Assessing the need for special category of power tariff for telecom towers”, by expanding the its initial Terms of Reference vide communication No. 6/12/2016-Working Groups (Spl. Tariff)FOR/CERC, dated 2.5.2016.

1.5 The Forum of Regulators (FOR) was constituted as per notification dated 16<sup>th</sup> February, 2005 in pursuance of the provision under section 166(2) of the Electricity Act, 2003 with the primary objective of harmonization of regulations in the power sector framed by the Central Electricity Regulatory Commission (CERC), State Electricity Regulatory Commissions (SERCs) and Joint Electricity Regulatory Commission(JERCs). The Forum consists of Chairperson of CERC and Chairpersons of SERCs and JERCs

## **2. Working Group of FOR**

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2.1 The Working Group constituted by the Chairperson CERC/ FOR has the following composition.

- i. Chairperson, Central Electricity Regulatory Commission (CERC) – Chairman
- ii. Chairperson, Rajasthan Electricity Regulatory Commission (RERC) - Member
- iii. Chairperson, Uttar Pradesh Electricity Regulatory Commission (UPERC)- Member
- iv. Chairperson, Jharkhand State Electricity Regulatory Commission (JSERC)- Member
- v. Chairperson, Tamil Nadu Electricity Regulatory Commission (TNERC)- Member
- vi. Chairperson, West Bengal Electricity Regulatory Commission (WBERC)- Member
- vii. Chairperson, Kerala State Electricity Regulatory Commission (KSERC)- Member

2.2 The scope of Work of the Working Group was to examine the issue of load based connection charge for a new connection, especially for domestic households and small shops/commercial establishments to facilitate universal electrification.

## **3. Deliberations of the FOR Working Group**

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3.1 The first meeting of the Working Group was held on 13<sup>th</sup> May 2016 at CERC, New Delhi wherein a preliminary review was carried out on the charges for taking new connection for domestic consumers in selected States.

3.2 The working group felt that the detailed information for the charges that are levied under different categories from different users for different level of loads is required to be sought from the distribution utilities for further analysis. Thereafter, FOR Secretariat called for data from all SERCs/ JERCs in a format (**Annexure I**). The information received from

the various SERCs pertaining to different distribution utilities with respect to the charges was compiled and placed before the Working Group. The information compiled is provided at Annexure II to Annexure VI to this report. The Working group observed that the pattern on the charges levied on the consumers for new connection is different for each State.

#### 4. Analysis

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4.1 From the compiled data, the Working Group noted that there are four major components of connection charges for new connection. These include Application fee, Service Line Charges, Development Charges and Security Deposit.

**a) Application Fee:** The details of Application Fee prevailing in twenty two States/ Union Territories are shown in Annexure II. No application fee is being charged by eight States including Jammu & Kashmir, Uttrakhand, West Bengal, Tripura, Nagaland, Manipur, Mizoram and National Capital Territory of Delhi. Nominal Application fee in the range of Rs. 5 to Rs. 100 is being charged by most of the other States. Maximum Application Fee of Rs. 200/- is charged in the State of Chhattisgarh. The fees are charged on the basis of load of the connection.

**b) Service Line Charges:** The details of Service Line Charges are shown in Annexure III. These charges are highest in the State of Gujarat @ Rs. 3500/- for 1 KW connection and Rs. 6500/- for 5KW connection. In Delhi, service line charges of Rs. 3000/- are levied. The service line charges are generally high for 4KW to 5 KW connections. In most of the States these charges are in the range of Rs. 200/- to Rs. 1000/- . No Service Line Charges are levied in Sikkim.

**c) Development Charges:** The details of Development Charges are shown in Annexure IV. Out of 20 States who have submitted information, 14 States are not levying Development Charges. These charges are substantial in the States of Chhattisgarh, Andhra Pradesh and Tamil Nadu (i.e. in the range of Rs. 500 to Rs. 4500 for load from 1KW to 5KW).

**d) Security Deposit:** The details of Security Deposit are shown in Annexure V. The Security Deposit is a major component for new connections. The range of security deposits with reference to load for new connection ranges widely across the States. In States such as Delhi,

Haryana, Punjab, Uttarakhand, Andhra Pradesh and Nagaland, the Security Deposit ranges from Rs. 400 to Rs. 4000 for loads ranging from 1KW to 5 KW. In the States of Chhattisgarh, Tripura, Mizoram and Manipur, the security deposit required is in the range of Rs. 1000 to Rs. 8000 for load of 1KW to 5 KW.

**e) Other Charges:** The details of Other Charges are shown in Annexure VI. There are no “Other Charges” in nine States. The Other Charges levied are generally related to Meters that are to be installed, which is at a maximum of Rs. 2000/-.

4.2 A summary of total charges payable with reference to some States is provided at Annexure-VII and Annexure-VIII. Annexure VII provides the details including security deposits while Annexure VIII provides details of total charges excluding security deposit.

4.3 The second meeting of the Working Group was convened on 29<sup>th</sup> March 2017 based on the information received from the SERCs. Similarly with respect to data of distribution utilities and the deliberations of the members of the Working Group, the following observations have been made by the Working Group.

## 5. Observations of the Working group

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5.1 It is observed that there is no uniformity in different heads under which the total charges that have to be paid by the consumers for new connection, are levied. Further, huge variation has been observed in the charges that are being levied by the distribution utilities.

5.2 It should be seen that in pursuance of the Electricity Act 2003, the distribution utilities can realize reasonable charges for providing new connection. These charges are expected to be low in case the area in which the new connection is required is electrified. Charges of new connection are expected to be high if the area is not electrified.

5.3 Section 47 of the Electricity Act, 2003 provides for applicability of collection of security charges from consumers, wherein security deposit may be applicable in respect of the electricity supplied and charges for electric meters only. However, the same is not applicable in case consumer avails the option of pre-payment meter.

5.4 The Working Group also observed that load based connection charges may not be possible as the cost of connection is linked to connectivity rather than load.

5.5 The observations of the Working Group on each cost head, as per information submitted by different States are as under:-

a) **Application Fees:** The Working group observed that majority of the States including West Bengal, Uttrakhand, Jammu & Kashmir, Nagaland, Tripura, Manipur, Mizoram and National Capital Territory of Delhi did not charge any Application Fee.

b) **Service Line Charges:** The Working Group deliberated on various factors such as distance to be connected along with load as the basis of estimating the service line charges. However, it was felt that this would lead to further complexity and ambiguity in calculation of service line charges.

c) **Development Charges:** It was observed that majority of the States are not levying development charges.

d) **Security Deposit:** The Working Group deliberated on the concerns related to security deposit for new connection. It was appreciated that security deposit is linked to the billing period, due date for making payment and the notice period in case of default etc.

e) **Other Charges:** It was observed that in most of the States, the other charges are related to meter rental and installation of meters.

## 6. Deliberations in FOR

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6.1 The report of the Working Group was taken up for discussion in the 59th meeting of FOR on 21st April 2017 at Guwahati, Assam.

6.2 The FOR members recommended that apart from Service Line Charges, Meter & Related Charges and Security Deposit (upto a maximum of three months of billing) no other charges including system loading charges be levied.

6.3 In case the consumers opt to purchase their own meter, then no meter security deposit be charged. It is further recommended in the light of financial impact owing to providing free service line for consumers with 2 kW load and upto 50 m, a communication may be sent

to Ministry of Power, to cover under the grants being given to the distribution utilities under various schemes to provide last mile connectivity to consumers

## 7. Conclusions and Recommendations

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7.1 The genesis of this Report is with reference to the communication from Ministry of Power, who had brought to the notice of the CERC/FOR that exorbitant estimates charged from consumers for taking connection is causing undue high burden on last mile connectivity

7.2 In order to analyse the factual position with regard to components of costs being paid by new consumers, the Forum of Regulators after due deliberation amongst its members collected data from 22 States and UTs on various types of charges and quantum of charges for granting connection to domestic consumers

7.3 An analysis of various components showed that costs varied from State to State as it was dependent on the consumer mix, usage and State infrastructure.

7.4 In order to ensure that last mile connectivity is not impeded due to cost factors, the FOR recommends the following to be considered by SERCs/JERCs in their existing Regulations / Codes (as deemed relevant):

a) **Application Fees**: No application fees should be charged for consumers taking new connections.

b) **Service line charges**:

i) No service line charges is to be charged for new consumers who have a load of upto 2 kW and within a distance of 50 meters. In this scenario, Ministry of Power may consider covering the financial implications under grants to the distribution utilities under various schemes.

ii) For those consumers who have a load of above 2 kW, the charges would be as decided by the respective SERCs.

c) **Development charges**: No Development charges should be levied on consumers taking new connections.



d) **Security deposit** : The security deposit collected from new consumers should not exceed 3 months of billing .

e) **Other Charges**

- i) These charges are to be rephrased as “Meter & related charges”.
- ii) These charges will be inclusive of meter testing charges and cost of meter boxes only.
- iii) For load upto 2 kW and single phase connection, only meter rental charges will be paid by the consumers.
- iv) For load above 2 kW and for 3 phase connections , two options are to be provided to the consumers
  - ✓ Consumers can purchase their own meter (which needs to be tested). In such a case, no meter security deposit will be collected
  - ✓ Consumers can take the meters on rent from the Discom with two options
    - Rent can be charged from the consumers
    - Full cost of the meter can be recovered
- f) Apart from the above, no other charges including system loading charges to be levied for providing new connection for domestic use.

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## ANNEXURES

## Details of Charges for Taking New Electricity Connection for New Consumer

State:

Consumer Category:

Domestic

S No.	Load	Application Fee (1)		Service Line Charges (2)		Development Charges (3)	Security Deposit (4)	Other Charges* (5)	Total 6 = 1+2+3+4+5	Remarks
1	upto 1 KW									
2	2 KW									
3	3 KW									
4	4 KW									
5	5 KW									

\* Details of other charges are as below

**Details of Application Fee for New Connection**

S No.	State	upto 1 KW	2 KW	3 KW	4 KW	5 KW
1	J&K	Nil	Nil	Nil	Nil	Nil
2	Haryana	Rs. 50	Rs. 50	Rs. 75	Rs. 100	Rs. 125
3	Punjab	Rs. 20	Rs. 20	Rs. 20	Rs. 20	Rs. 20
4	Uttar Pradesh	Rs. 50	Rs. 100	Rs. 100	Rs. 100	Rs. 100
5	Uttrakhand	Nil	Nil	Nil	Nil	Nil
6	Rajasthan	Rs.200/- for single phase supply, Rs.500/ for three phase supply				
7	Delhi	Nil	Nil	Nil	Nil	Nil
8	Gujarat	Single Phase: Rs.40 Three Phase: Rs.100	Single Phase: Rs.40 Three Phase: Rs.100	Single Phase: Rs.40 Three Phase: Rs.100	Single Phase: Rs.40 Three Phase: Rs.100	Single Phase: Rs.40 Three Phase: Rs.100
9	Chhatisgarh	Rs.200	Rs.200	Rs.200	Rs.200	Rs.200
10	Madhya Pradesh	Rs.5	Rs.5	Rs.5	Rs.5	Rs.5
11	Sikkim	Rs.25	Rs.25	Rs.25	Rs.25	Rs.25
12	West Bengal (WBSEDCL)	Nil	Nil	Nil	Nil	Nil
	West Bengal (CESC)*	Nil	Nil	Nil	Nil	Nil
13	Bihar	Rs. 20 for Kutir Jyoti (BPL); Single Phase: Rs. 75; Three Phase: Rs. 200				
14	Jharkhand (DVC)	Rs.5	Rs.5	Rs.5	Rs.5	Rs.5
15	Orissa	Single Phase: Rs. 59 Three Phase: Rs.145	Single Phase: 59 Three Phase: 145	Single Phase: 59 Three Phase: 145	Single Phase: 59 Three Phase: 145	Single Phase: 59 Three Phase: 145
16	Andhra Pradesh	Rs.25	Rs.25	Rs.25	Rs.25	Rs.25
17	Kerala	Rs. 50	Rs. 50	Rs. 50	Rs. 50	Rs. 50
18	Tamil Nadu	Rs. 50	Rs. 50	Rs. 50	Rs. 50	Rs. 50
19	Tripura	Nil	Nil	Nil	Nil	Nil
20	Nagaland	Nil	Nil	Nil	Nil	Nil
21	Maharashtra (MSEDCL)	Single Phase: Rs. 50 Three Phase: Rs.100	Single Phase: Rs. 50 Three Phase: Rs.100	Single Phase: Rs. 50 Three Phase: Rs.100	Single Phase: Rs. 50 Three Phase: Rs.100	Single Phase: 50 Three Phase: 100
	Maharashtra (BEST)^	Single Phase: Rs. 50 Three Phase: Rs.75	Single Phase: Rs. 50 Three Phase: Rs.75	Single Phase: Rs. 50 Three Phase: Rs.75	Single Phase: Rs. 50 Three Phase: Rs.75	Single Phase: Rs. 50 Three Phase: Rs.75
	Maharashtra (R Infra-D)^	Single Phase: Rs. 50 Three Phase: Rs.75	Single Phase: Rs. 50 Three Phase: Rs.75	Single Phase: Rs. 50 Three Phase: Rs.75	Single Phase: Rs. 50 Three Phase: Rs.75	Single Phase: Rs. 50 Three Phase: Rs.75
	Maharashtra (TPC-D)^	Single Phase: Rs. 50 Three Phase: Rs.75	Single Phase: Rs. 50 Three Phase: Rs.75	Single Phase: Rs. 50 Three Phase: Rs.75	Single Phase: Rs. 50 Three Phase: Rs.75	Single Phase: Rs. 50 Three Phase: Rs.75
22	JERC Manipur	Nil	Nil	Nil	Nil	Nil
	JERC Mizoram	Nil	Nil	Nil	Nil	Nil

\* Applicable only in Calcutta and parts of Howrah &amp; Hoogly region in the state of West Bengal

^ Applicable only in Mumbai region in the state of Maharashtra

## Details of Service Line Charges for New Connection

S No.	State	upto 1 KW	2 KW	3 KW	4 KW	5 KW
1	J&K	borne by the consumer as per actual. However Flat rate Supervision charges are taken.				
2	Haryana	Rs. 200	Rs. 400	Rs. 1500	Rs. 2000	Rs. 2500
3	Punjab	Rs. 375/ KW	Rs. 500/ KW	Rs. 500/ KW	Rs. 800/ KW	Rs. 800/ KW
4	Uttar Pradesh	Rural Rs.150/- Urban Rs.425/- UG Services Rs.2156/-	Rural Rs.150/- Urban Rs.425/- UG Services Rs.2156/-	Urban Rs.425/- UG Services Rs.2156/-	Rural Rs.150/- Urban Rs.425/- UG Services Rs.2156/-	For Overhead Rs.2041/- For Underground Rs. 5566/-
5	Uttarakhand	Overhead: Rs. 600 Underground: Rs. 1200	Overhead: Rs. 600 Underground: Rs. 1200	Overhead: Rs. 600 Underground: Rs. 1200	Overhead: Rs. 600 Underground: Rs. 1200	Overhead: Rs. 1500 Underground: Rs. 3000
6	Rajasthan	For extension of distribution mains and / or service line beyond 300 mtrs. - For single phase supply: Rs.100/mtr. For three phase supply: Rs.150/mtr				
7	Delhi	Rs. 3000				
8	Gujarat	Rs. 3500	Rs. 3500	Rs. 6500	Rs. 6500	Rs. 6500
9	Chhatisgarh	Rs. 500	Rs. 500	Rs. 500	Rs. 875	Rs. 875
10	Madhya Pradesh	Rs. 200	Rs. 400	Rs. 600	Rs. 1200	Rs. 1800
11	Sikkim	Nil	Nil	Nil	Nil	Nil
12	West Bengal (WBSEDCL)	1000	2000	3000	4000	8000
	West Bengal (CESC)*	450	450	450	450	1800
13	Bihar	Kutir Jyoti (BPL): Rs. 400; Single Phase: Rs. 400; Three Phase: Rs. 900				
14	Jharkhand (DVC)	Based on Route profile finalised after the survey by DVC				
15	Orissa	1500	1500	1500	1500	1500
16	Andhra Pradesh	Estimated cost of line from Distb. Mains to consumer point				
17	Kerala	As per cost data approved by commissioner				
18	Tamil Nadu	Single Phase: Rs. 1300 for underground & Rs. 1150 for Overhead Three Phase: Rs. 2750 for underground & Rs. 1450 for Overhead				
19	Tripura	Rs. 1150	Rs. 1150	Rs. 2464	Rs. 2464	Rs. 2464
20	Nagaland	Based on estimates of the cost of service line				
21	Maharashtra (MSEDCL)	Single Phase: Rs. 3000 for underground & Rs. 1500 for Overhead Three Phase: Rs. 13000 for underground & Rs. 3500 for Overhead	Single Phase: Rs. 3000 for underground & Rs. 1500 for Overhead Three Phase: Rs. 13000 for underground & Rs. 3500 for Overhead	Single Phase: Rs. 3000 for underground & Rs. 1500 for Overhead Three Phase: Rs. 13000 for underground & Rs. 3500 for Overhead	Single Phase: Rs. 3000 for underground & Rs. 1500 for Overhead Three Phase: Rs. 13000 for underground & Rs. 3500 for Overhead	Single Phase: Rs. 3000 for underground & Rs. 1500 for Overhead Three Phase: Rs. 13000 for underground & Rs. 3500 for Overhead
	Maharashtra (BEST)^	Single Phase: Rs. 3000 for underground Three Phase: Rs. 9000 for underground	Single Phase: Rs. 3000 for underground Three Phase: Rs. 9000 for underground	Single Phase: Rs. 3000 for underground Three Phase: Rs. 9000 for underground	Single Phase: Rs. 3000 for underground Three Phase: Rs. 9000 for underground	Single Phase: Rs. 3000 for underground Three Phase: Rs. 9000 for underground
	Maharashtra (R Infra-D)^	Single Phase: Rs.2000 for underground Three Phase: Rs. 4500 for underground	Single Phase: Rs.2000 for underground Three Phase: Rs. 4500 for underground	Single Phase: Rs.2000 for underground Three Phase: Rs. 4500 for underground	Single Phase: Rs.2000 for underground Three Phase: Rs. 4500 for underground	Single Phase: Rs.2000 for underground Three Phase: Rs. 4500 for underground
	Maharashtra (TPC-D)^	Single Phase: Rs. 3000 for underground Three Phase: Rs. 9000 for underground	Single Phase: Rs. 3000 for underground Three Phase: Rs. 9000 for underground	Single Phase: Rs. 3000 for underground Three Phase: Rs. 9000 for underground	Single Phase: Rs. 3000 for underground Three Phase: Rs. 9000 for underground	Single Phase: Rs. 3000 for underground Three Phase: Rs. 9000 for underground
22	JERC Manipur	Nil	Nil	Nil	Nil	Nil
	JERC Mizoram	Nil	Nil	Nil	Nil	Nil

\* Applicable only in Calcutta and parts of Howrah &amp; Hoogly region in the state of West Bengal

^ Applicable only in Mumbai region in the state of Maharashtra

**Details of Development Charges for New Connection**

S No.	State	upto 1 KW	2 KW	3 KW	4 KW	5 KW
1	J&K	Nil	Nil	Nil	Nil	Nil
2	Haryana	Nil	Nil	Nil	Nil	Nil
3	Punjab	Nil	Nil	Nil	Nil	Nil
4	Uttar Pradesh	Nil	Nil	Nil	Nil	Nil
5	Uttrakhand	Nil	Nil	Nil	Nil	Nil
6	Rajasthan	Not Mentioned				
7	Delhi	Nil	Nil	Nil	Nil	Nil
8	Gujarat	Nil	Nil	Nil	Nil	Nil
9	Chhatisgarh	Rs. 500	Rs. 1500	Rs. 2500	Rs. 3500	Rs. 4500
10	Madhya Pradesh	Nil	Nil	Nil	Nil	Nil
11	Sikkim	Nil	Nil	Nil	Nil	Nil
12	West Bengal (WBSEDCL)	Nil	Nil	Nil	Nil	Nil
	West Bengal (CESC)*	Nil	Nil	Nil	Nil	Nil
13	Bihar	As per estimates of Licensee				
14	Jharkhand (DVC)	Nil	Nil	Nil	Nil	Nil
15	Orissa	Nil	Nil	Nil	Nil	Nil
16	Andhra Pradesh	Rs. 600 to Rs. 1200	Rs. 1200+ Rs. 1200 per KW or part there of			
17	Kerala	Nil	Nil	Nil	Nil	Nil
18	Tamil Nadu	Single Phase: Rs. 400 and Three Phase: Rs. 1400				
19	Tripura	Nil	Nil	Nil	Nil	Nil
20	Nagaland	35% of the estimated cost				
21	Maharashtra (MSEDCL)	Nil	Nil	Nil	Nil	Nil
	Maharashtra (BEST)^	Nil	Nil	Nil	Nil	Nil
	Maharashtra (R Infra-D)^	Nil	Nil	Nil	Nil	Nil
	Maharashtra (TPC-D)^	Nil	Nil	Nil	Nil	Nil
22	JERC Manipur	Nil	Nil	Nil	Nil	Nil
	JERC Mizoram	Nil	Nil	Nil	Nil	Nil

\* Applicable only in Calcutta and parts of Howrah &amp; Hoogly region in the state of West Bengal

^ Applicable only in Mumbai region in the state of Maharashtra

## Details of Security Deposit for New Connection

S No.	State	upto 1 KW	2 KW	3 KW	4 KW	5 KW
1	J&K	Metered Consumers: Electricity charges for two months for consumption of 50 units per month for every 0.5 KW or part thereof of connected load at prevailing tariff. Un-metered Consumers: Electricity charges for two months as per prevailing tariff.				
2	Haryana	Rs. 750	Rs. 1500	Rs. 2250	Rs. 3000	Rs. 3750
3	Punjab	Consumers not covered under spot billing: Rs. 500/KW Consumers covered under spot billing: Rs. 370/KW				
4	Uttar Pradesh	BPL - NIL Rural - Rs. 100/- Urban - Rs. 300/-	Rural - Rs. 200/- Urban - Rs. 600/-	Rs. 1200/-	Rs. 1600/-	Rs. 2000/-
5	Uttarakhand	Rs. 400	Rs. 800	Rs. 1200	Rs. 1600	Rs. 2000
6	Rajasthan	Rs. 100/ kW plus additional amount as per below details Tribunal Sub Plan: Rs. 750 Rural: Rs. 1500 Kachi Basti: Rs. 2000 Urban: Rs. 3000				
7	Delhi	Rs. 600	Rs. 1200	Rs. 1800	Rs. 2400	Rs. 3000
8	Gujarat	Consumption charges for consumption of 50 units for every 0.5 KW of applied load at prevailing tariff but not less than Rs. 200				
9	Chhatisgarh	Rs. 1100	Rs. 2200	Rs. 3300	Rs. 4400	Rs. 5500
10	Madhya Pradesh	150 units per KW p.m. for 45 days				
11	Sikkim	Nil	Nil	Nil	Nil	Nil
12	West Bengal (WBSEDCL)	Rural - Rs. 1164/- Urban - Rs. 1187/-	Rural - Rs. 2606/- Urban - Rs. 2660/-	Rural - Rs. 4089/- Urban - Rs. 4170/-	Rural - Rs. 5584/- Urban - Rs. 5723/-	Rural - Rs. 8427/- Urban - Rs. 8587/-
	West Bengal (CESC)*	2800	6200	9300	16000	23850
13	Bihar	Kutir Jyoti (BPL): Nil; Single Phase: Rs. 400/KW; Three Phase: Rs. 400/KW				
14	Jharkhand (DVC)	As per JSERC Regulation				
15	Orissa	Rs. 479	Rs. 1138	Rs. 1830	Rs. 2633	Rs. 3436
16	Andhra Pradesh	Rs. 100 for 0.25 KW + Rs.300 per KW or part there of above 250 W for bimonthly billing				
17	Kerala	Three months average monthly current charges for consumers billed on bimonthly basis				
18	Tamil Nadu	Single Phase: Rs. 200 Three Phase: Rs. 600/KW	Single Phase: Rs. 200 Three Phase: Rs. 1200/KW	Single Phase: Rs. 200 Three Phase: Rs. 1800/KW	Single Phase: Rs. 200 Three Phase: Rs. 2400/KW	Single Phase: Rs. 200 Three Phase: Rs. 3000/KW
19	Tripura	Rs. 2058	Rs. 3159	Rs. 5640	Rs. 7182	Rs. 8362
20	Nagaland	Rs. 250 for Single Phase, Rs. 750 for three Phase and Rs. 3000 for 11kv connection				
21	Maharashtra (MSEDCL)	Estimated for a month consumption based on tariff category, contract demand/ sanctioned load, load factor, diversity factor and number of working shifts of the consumer. Revision is done once in each financial year based on average load of last 12 months				
	Maharashtra (BEST)^					
	Maharashtra (R Infra-D)^					
	Maharashtra (TPC-D)^					
22	JERC Manipur	Rs. 1250	Rs. 2730	Rs. 4460	Rs. 6180	Rs. 7900
	JERC Mizoram	Rs. 1070	Rs. 2590	Rs. 4270	Rs. 5950	Rs. 7630

\* Applicable only in Calcutta and parts of Howrah &amp; Hoogly region in the state of West Bengal

^ Applicable only in Mumbai region in the state of Maharashtra

Details of Other Charges for New Connection

S No.	State	upto 1 KW	2 KW	3 KW	4 KW	5 KW
1	J&K	Supervision charges for Service Connection Single phase LT Connection: Rs. 200 Three Phase LT Connection: Rs. 450				
2	Haryana	Rs. 100 plus meter security (In case of Nigam meter) and meter testing charges (in case of consumer meter)				
3	Punjab	Service line charges: Rs. 230/metre above 100 metre service length Meter Charges: Rs. 625				
4	Uttar Pradesh	Meter Cost: Rs. 980 System loading: Rs.50	Meter Cost: Rs.980 System loading: Rs.120	Meter Cost:Rs. 980 System loading: Rural: Rs. 180 Urban: Rs. 450	Meter Cost: Rs.980 System loading: Rural: Rs. 240 Urban: Rs. 600	Meter Cost: Rs.980 System loading: Rs. 1500
5	Uttarakhand	Overhead charges beyond 40m of the licensee's existing LT distribution Main Rs. 1000 per 10m or part there of for load upto 4kW Rs. 3000 per 10m or part there of for load upto 4kW				
6	Rajasthan	Meter Box: Rs. 350 for single phase meter and Rs. 950 for three phase meter Meter: Rs. 350 for single phase meter and Rs. 650 for three phase meter				
7	Delhi	Nil	Nil	Nil	Nil	Nil
8	Gujarat	Nil	Nil	Nil	Nil	Nil
9	Chhatisgarh	Nil	Nil	Nil	Nil	Nil
10	Madhya Pradesh	Nil	Nil	Nil	Nil	Nil
11	Sikkim	Monthly minimum charge :Rs. 40/- (Single Phase) and Rs. 200/- 3 phase.				
12	West Bengal (WBSEDCL)	Nil	Nil	Nil	Nil	Nil
	West Bengal (CESC)*	Nil	Nil	Nil	Nil	Nil
13	Bihar	As per estimates of licensee				
14	Jharkhand (DVC)	Nil	Nil	Nil	Nil	Nil
15	Orissa	Meter Rent				
16	Andhra Pradesh	Nil	Nil	Nil	Nil	Nil
17	Kerala	Nil	Nil	Nil	Nil	Nil
18	Tamil Nadu	Single Phase: Rs. 950 and Three Phase: Rs. 3000				
19	Tripura	Nil	Nil	Nil	Nil	Nil
20	Nagaland	Nil	Nil	Nil	Nil	Nil
21	Maharashtra (MSEDCL)	Nil	Nil	Nil	Nil	Nil
	Maharashtra (BEST)^	Nil	Nil	Nil	Nil	Nil
	Maharashtra (R Infra-D)^	Nil	Nil	Nil	Nil	Nil
	Maharashtra (TPC-D)^	Nil	Nil	Nil	Nil	Nil
22	JERC Manipur	Meter Security equivalent to price of meter, price of LT current transformer and 50% of price of other material				
	JERC Mizoram					

\* Applicable only in Calcutta and parts of Howrah &amp; Hoogly region in the state of West Bengal

^ Applicable only in Mumbai region in the state of Maharashtra



**Summary of Total Charges (Including Security Deposit for New Connection for Domestic Consumers in Different States**

All Values in Rs.

S No.	State	upto 1 KW	2 KW	3 KW	4 KW	5 KW
1#	Haryana	1000	1950	3825	5100	6375
2^	Punjab	765	1260	1630	2300	2670
3	Delhi	3600	4200	4800	5400	6000
4	Chhatisgarh	2300	4400	6500	8975	11075
5*	Madhya Pradesh	430	855	1280	2105	2930
6	Sikkim	65	65	65	65	65
7^^	West Bengal	2164	4606	7089	9584	16427
8	Tamil Nadu	2750	2750	2750	2750	2750
9	Tripura	3208	4309	8104	9646	10826
10**	JERC Manipur	1250	2730	4460	6180	7900
	JERC Mizoram	1070	2590	4270	5950	7630

# The other charges including Rs. 100 plus meter security (In case of Nigam meter) and meter testing charges (in case of consumer meter) have not been included

^ The other charges including Service line charges of Rs. 230/metre above 100 metre service length and Meter Charges: Rs. 625 have not been included

\* Security Deposit has been calculated based on 150 units per KW p.m. for 45 days for tariff of Rs. 5.56 per unit (ABR for domestic consumers as mention in Tariff Order for 2016-17

\*\* The other charges including Meter Security equivalent to price of meter, price of LT current transformer and 50% of price of other material have not been included

^^ These charges are for new connection in rural area

**Summary of Total Charges (Excluding Security Deposit for New Connection for Domestic Consumers in Different States)**

All Values in Rs.

S No.	State	upto 1 KW	2 KW	3 KW	4 KW	5 KW
1#	Haryana	250	450	1575	2100	2625
2^	Punjab	395	520	520	820	820
3	Delhi	3000	3000	3000	3000	3000
4	Chhatisgarh	1200	2200	3200	4575	5575
5	Madhya Pradesh	205	405	605	1205	1805
6	Sikkim	65	65	65	65	65
7^^	West Bengal	1000	2000	3000	4000	8000
8	Tamil Nadu	2550	2550	2550	2550	2550
9	Tripura	1150	1150	2464	2464	2464
10**	JERC Manipur	0	0	0	0	0
	JERC Mizoram	0	0	0	0	0

# The other charges including Rs. 100 plus meter security (In case of Nigam meter) and meter testing charges (in case of consumer meter) have not been included

^ The other charges including Service line charges of Rs. 230/metre above 100 metre service length and Meter Charges: Rs. 625 have not been included

\*\* The other charges including Meter Security equivalent to price of meter, price of LT current transformer and 50% of price of other material have not been included

^^ These charges are for new connection in rural area