

## **ANNEXURE 1**

### **Distribution and Supply License Nos : EL/D/09-003, EL/D/09-004, EL/D/09-005 and EL/D/09-006 ALLOWED CHARGES FOR 2016 - Ceylon Electricity Board (CEB)**

#### **Preamble**

- (1) Allowed charges published herewith, provides the maximum fee that Distribution and Supply Licensees can charge from a customer for specific services during the year 2016.
- (2) The charges have been approved by the Commission following scrutiny of the filing done by the Licensees based on the approved methodology for determination of such charges.
- (3) The charges published herewith covers only commonly required services provided by the Licensees. For determination of charges of other services, rates and calculations provided in Standard Construction Costs 2016 of CEB shall apply.

#### **Abbreviations**

A	ampere	AAC	All Aluminum Conductor
kV	kilo volt	ABC	Arial Bundled Conductor
kVA	kilovolt ampere	sq mm	Square Milimeter
LV	Low Voltage	MV	Medium Voltage
LT	Low Tension		

#### **(A) SERVICE CONNECTION CHARGES**

##### **Charge Structure**

- (i) For Single phase 30A overhead retail service connections (Domestic and Religious Categories) a common (flat) charge is applicable up to 50m. CEB should bear the cost of development of the network up to the boundary of the land of the consumer. Cost of service connection beyond 50m inside the premises shall be borne by the consumer at the given rate.
- (ii) For Three phase (30A and 60A) overhead retail service connections (Domestic and Religious Categories) a common (flat) charge is applicable up to 50m. CEB should bear the cost of development of the network up to the boundary of the land of the consumer. Cost of service connection beyond 50m inside the premises shall be borne by the consumer at the given rate.
- (iii) For Single phase 30A overhead retail service connections (other than Domestic and Religious Categories) a common (flat) charge is applicable up to 50m. CEB should bear the cost of development of the network up to the boundary of the land of the consumer. Cost of service connection beyond 50m inside the premises shall be borne by the consumer at the given rate.
- (iv) For Three phase (30A and 60A) overhead retail service connections (other than Domestic

and Religious Categories) a common (flat) charge is applicable up to 50m. Cost of service connection beyond 50m shall be borne by the consumer at the given rate.

- (v) For Bulk supply service connections determination of charges shall be based on case by case estimates in accordance with CEB Standard Construction Cost - 2016. Some of the key rates applicable in this respect are provided in Section (B).

**(A) Allowed Charges for Service Connections**

**(1.a) Overhead service connections (< 42 kVA) from the existing (low voltage) distribution network**

No	Type of Service Connection	Common Charge (Rs)	Variable charge	
			50m – 110m	Above 110m
1.1	30 A, Single Phase retail	20,000	450	950
1.2	30 A, Three Phase retail	33,500	1,394	1,394
1.3	60 A, Three Phase retail	40,000	1,394	1,394
1.4	Conversion, 30A single phase to 30A three phase, retail	33,500	1,394	1,394
1.5	Conversion, 30A single phase to 60 A three phase, retail	40,000	1,394	1,394

\* Cost of service connection beyond 50m/110m (as given), shall be borne by the consumer at the given rate.

**Notes:**

- (1) Common and variable charges indicated above shall be used irrespective of the number of service poles or quantities of other standard materials required. Any additional materials / works other than those of standard retail supply service connections can be charged separately.
- (2) Special technical requirements are applicable for service connections to welding plants, metal crushers, and saw mills etc. which cause disturbances to other customers connected to the same feeder. Technical requirements and Charges for such service connections shall be determined as per 'CEB Standard Construction Cost - 2016'.
- (3) If the licensee uses assets which have already been installed to provide other service connections, costs of those assets shall not be included in the final charge for the new service connection, unless a mechanism for the “Reimbursement of Charges Recovered from a Customer” (According to the section 7.3 of the approved Methodology for Charges) has been implemented by the licensee.

**(1.b) Three Phase Connections above 42kVA and Conversion of existing 42 kVA and below supply**

Type	Fixed Cost (Rs.)	Variable Cost (Rs./meter)
63 kVA (with Bulk Supply Metering)	434,000	1,785
75 kVA (with Bulk Supply Metering)	494,000	1,785
95 kVA (with Bulk Supply Metering)	574,000	1,785

- i) Fixed cost listed here includes the cost of providing the requested supply inclusive of metering equipment if the customer premises are within 50m distance from existing LV line.
- ii) The balance cost for the construction of Substation except cost of MV line, has to be borne by CEB under System Augmentation funds.
- iii) Variable cost should be charged for connections beyond 50m off the existing line at the given rates.
- iv) However, the total low voltage line lengths should be less than 200m for 63 kVA connections and 100m for 75 kVA & 95 kVA connections from the substation. If the customer premises is beyond the specified length here, Medium Voltage line should be constructed and the entire cost of line will be charged from the customer at the variable cost for MV lines (mentioned under the table “*Allowed chargers for LV and MV Overhead Lines*” in this document).
- v) These rates are applied for the consumer categories ‘General Purpose’, ‘Industry’, ‘Hotel’ and ‘Government’.

**(2.0) Underground service connections (< 42 kVA) from the existing (low voltage) distribution network**

No	Type of Service Connection	Fixed Charge (RS) (up to 10m)	Variable charge for distance in excess of 10m (Rs/m)
2.1	15 A/30A Single Phase (16 sqmm cable)	50,000	4,200
2.2	30 A, Three Phase (16 sqmm cable)	90,000	4,700
2.3	60 A, Three Phase	100,000	4,800
2.4	15A Single Phase Loop Service	5,800	415
2.5	15A Three Phase Loop Service	16,500	470
2.6	30A Three Phase Loop Service (from existing 30A/60A service)	16,500	500

**Notes:**

- (1) Fixed and variable charges indicated above shall be used irrespective quantities of standard materials required. Any additional materials / works other than those of standard retail supply service connections can be charged separately.

### **(B) Allowed Charges for Lines and Distribution Substations**

The following charges / rates shall apply for standard overhead lines and substations constructions which are applicable for preparation of case by case estimates.

#### **(1) Allowed Charges for Low Voltage (230/400 V) and MV (11kV and 33kV) Overhead Lines**

<b>No</b>	<b>Type of Line</b>	<b>Charge (Rs/km)</b>
1.1	LV, Three Phase, AAC 7/.134 (Fly) conductor	1,228,000
1.2	LV, Three Phase, 7/.173 (WASP) conductor	1,352,000
1.3	LV, Three Phase, ABC 3x70+50 sq mm conductor	1,394,000
1.4	LV, Three Phase, AAC 7/.134 (Fly) conductor (Subsidized charge by CEB for govt, DCB,PCB funded projects)	1,153,000
1.5	LV, Three Phase, 7/.173 (WASP) conductor (Subsidized charge by CEB for govt, DCB,PCB funded projects)	1,277,000
1.6	LV, Three Phase, ABC 3x70+50 sq mm conductor(Subsidized charge by CEB for govt, DCB,PCB funded projects)	1,319,000
1.7	LV, Single Phase to three phase conversion, AAC 7/.134 (Fly) Conductor	376,000
1.8	LV, Two Phase to three phase conversion, AAC 7/.134 (Fly) Conductor	275,000
1.9	LV, three phase, Fly/WASP conversion	325,000
1.10	11 kV, Three Phase, Raccon (7/4.09mm) Conductor on 10 m poles	2,077,000
1.11	11 kV, Three Phase, Raccon (7/4.09mm) Conductor on 11m poles	2,267,000
1.12	33 kV, Three Phase, Raccon (7/4.09mm) Conductor on 10m poles	2,273,000
1.13	33 kV, Three Phase, Raccon (7/4.09mm) Conductor on 11m poles	2,443,000

Notes :

- (i) For other types of lines (not indicated above) rates provided in CEB Standard Construction Cost - 2016 shall apply.
- (ii) Type of line shall be determined based on technical requirements.

**(2) Allowed Charges for Outdoor Substations**

No	Type of Substation	Distribution Substation (Charge Rs)		Bulk Supply Substation (Charge Rs)	
		11 kV / LT	33 kV/LT	11 kV / LT	33 kV/LT
2.1	100 kVA	1,162,000	1,256,000	1,183,000	1,281,000
2.2	160 kVA	1,310,000	1,407,000	1,355,000	1,453,000
2.3	250kVA	1,542,000	1,603,000	1,646,000	1,716,000
2.4	400 kVA	-	-	2,066,000	2,243,000
2.5	630 kVA	-	-	2,821,000	3,007,000
2.6	800 kVA	-	-	3,307,000	3,380,000
2.7	1000 kVA	-	-	3,832,000	3,996,000

**Notes :**

- (i) The above charges for outdoor type substation constructions.
- (ii) For bulk supply substations transformer plinth and meter cubicle to be provided by the customer. Additional LV cables (after the meter cubicle) can be charged separately.
- (iii) Cost of augmentation of existing substations shall be determined as per the rates provided in 'CEB Standard Construction Cost - 2016'.

**(C) ALLOWED CHARGES FOR MISCELANIOUS SERVICES**

No	Type of Service	Charge (Rs)
1	Disconnection at the customer's request	1,100
2	Reconnection at the customer's request	1,100
3	Reconnection after a statutory disconnection	1,100
4	Testing of an energy or energy/demand meter (230 V)	1,650
5	Testing of a three phase energy meter (less than 42kV)	3,000
6	Testing of an energy/demand meter and associated equipment used at 400 V	11,000
7	Testing of an energy or energy/demand meter and associated equipment (used at voltages higher than 400 V)	11,000
8	Installation testing	CCE
9	Changing an account name and/or the tariff category	250
10	Changing an energy or energy/demand meter	Free of charge for changing defective meters. For other cases CCE shall apply.
11	Provision of temporary electricity supply	CCE
12	Augmentation of an existing electricity supply	CCE
13	Shifting of poles/lines/transformer/ any other electrical plant	CCE
14	Clearing of way leaves	CCE based on compensation charges decided by Divisional Secretaries and cost of removing way leaves.
15	Issuing a clearance report	10,000.00 (deductible from the estimate during the requested year)
16	Issuing a Duplicate Bill	Free of Charge
17	Grid interconnection of Generation facility	CCE
18	Repair of damages to service connection wire: Responsibility of removing way leaves along the path of service connection wire rests with the consumer. Cost of repair to service wire due to non-removing of way leaves is to be charged from the respective consumer.	CCE
19	Special Subsidized connection charges for Net Metering <ul style="list-style-type: none"> <li>• 1 phase Net Metering Connection – Rs. 5,000</li> <li>• 3 phase Net Metering Connection – Rs. 12,500</li> </ul>	
20	Standard Rate for Ordinary Supply Customers to Change over to the time of day tariff One time change for re programming the meter = Rs. 8700 The existing single rate meter shall be replaced with programmable 3 phase 3 wire meter free of change.	

CCE – Case by Case Estimate by the Licensee based on Standard Construction Cost – 2016 and Price List of Materials 2016 issued by CEB

