



**West Bengal Electricity Regulatory Commission**  
**Corrigendum to the Order dated 10.08.2015 of the Commission**  
**in respect of CESC Limited, for the year 2015-2016 in Case No TP-56/13-14**

Attention of the Commission has been drawn to a typographical error / apparent mistake in the tariff order dated 10.08.2015 passed by the Commission in respect of CESC Limited, for the year 2015-2016 in Case No: TP-56/13-14 .

The Commission is of the considered opinion that in the interest of all concerned such typographical error / apparent mistake which do not have any effect on the tariff already determined, made inadvertently in the said tariff order, be corrected and necessary corrigendum be issued. The Commission accordingly carries out such correction keeping in view the provisions of Section 94 of the Electricity Act, 2003 and directs the Secretary to issue the following corrigendum :-

Correction of the typographical error / apparent mistake in the Tariff Order dated 10.08.2015 in respect of CESC Limited.

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Page No	Nomenclature	Present Description	Corrected Description
9	Sl. No. 6, row no. 7, column no. 2 of table "Revenue recoverable through tariff, Capacity charges and Fixed charges in 2015-16" under paragraph 2.8	Total revenue to be recovered through tariff in 2015-16 ( 4= 1+ 2+3)	Total revenue to be recovered through tariff in 2015-16 (6) = (3)+(4)+(5)
9	Sl. No. 8, row no. 9, column no. 2 of table "Revenue recoverable through tariff, Capacity charges and Fixed charges in 2015-16" under paragraph 2.8	Capacity Charges / Fixed Charges (6 = 4 - 5)	Capacity Charges / Fixed Charges (8) = (6) -( 7)
9	Sl. no. 5, row no. 6, column no. 2 of table "Average Tariff for the Consumers of CESC Limited in 2015 – 2016" under paragraph 2.10	Average tariff for the consumers for the year 2009 – 2010 (5) = [(3) x 10 ÷ (4)]	Average tariff for the consumers for the year 2015 – 2016 (5) = [(3) x 10 ÷ (4)]
12	5 <sup>th</sup> & 6 <sup>th</sup> line from above of paragraph 3.2	... average cost of supply (718.91 paise / kWh as per paragraph 2.5 of this order)	... average cost of supply (697.95 paise / kWh as per paragraph 2.10 of this order)

**Sd/-**  
**(SUJIT DASGUPTA)**  
**MEMBER**

**Sd/-**  
**(R. N. SEN)**  
**CHAIRPERSON**

**Dated: 19.08.2015**



**ORDER  
OF THE  
WEST BENGAL ELECTRICITY REGULATORY  
COMMISSION**

**FOR THE YEAR 2015 – 2016**

**IN**

**CASE NO: TP – 56 / 13 - 14**

**IN RE THE TARIFF APPLICATION OF CESC LIMITED  
FOR THE YEARS 2014-2015, 2015-2016 and 2016-2017  
UNDER SECTION 64(3)(a)  
READ WITH SECTION 62(1) AND SECTION 62(3)  
OF THE ELECTRICITY ACT, 2003**

**DATE: 10.08.2015**



## CHAPTER - 1 INTRODUCTION

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- 1.1. The West Bengal Electricity Regulatory Commission (hereinafter referred to as the “Commission”), a statutory body under the first proviso to section 82(1) of the Electricity Act, 2003 (hereinafter referred to as the “Act”), has been authorized in terms of section 86 and section 62(1) of the Act to determine the tariff for a) supply of electricity by a generating company to a distribution licensee, b) transmission of electricity, c) wheeling of electricity and d) retail sale of electricity, as the case may be, within the State of West Bengal.
- 1.2. CESC Limited, a Company under the Companies Act, 1956, is a distribution licensee in the State of West Bengal for supply of electricity in Kolkata and some areas in the districts of Howrah, Hooghly, North 24 Parganas and South 24 Parganas of the State. It was a licensee under the provisions of the Indian Electricity Act, 1910 (since repealed) and has become a deemed licensee in terms of the first proviso to section 14 of the Act with effect from 10.06.2003 i.e. the date of coming into force of the Act.
- 1.3. West Bengal Electricity Regulatory Commission (Terms and Conditions of Tariff) Regulations, 2011 has come into effect from 29<sup>th</sup> April, 2011. The said Tariff Regulations, 2011 was further amended by notifying the West Bengal Electricity Regulatory Commission (Terms and Conditions of Tariff) (Amendment) Regulations, 2012 in the extra ordinary edition of The Kolkata Gazette dated 27<sup>th</sup> August, 2012 and West Bengal Electricity Regulatory Commission (Terms and Conditions of Tariff) (Amendment) Regulations, 2013 in the extra ordinary edition of The Kolkata Gazette dated 30<sup>th</sup> July, 2013.
- 1.4. In terms of West Bengal Electricity Regulatory Commission (Terms and Conditions of Tariff) Regulations, 2011, as amended from time to time (hereinafter referred to as the ‘Tariff Regulations’), the tariff applications for the fourth control period consisting of the years 2014 – 2015, 2015 – 2016 and 2016



***Tariff Order of CESC Limited for the year 2015 – 2016***

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– 2017 under the Multi Year Tariff (MYT) framework was required to be submitted by CESC Limited 120 days in advance of the effective date of the said control period. The effective date of the fourth control period is 1<sup>st</sup> April, 2014. CESC Limited submitted an application on 11.11.2013 for extension of date for submission of their MYT application for the fourth control period till end December, 2013 on the plea that the Amendment Regulations, 2013 was gazetted on 30.07.2013 and considerable time would be required for preparation of MYT application for the fourth control period in view of extensive compliance requirements and wide ranging impact. The Commission, after considering the application of CESC Limited and also the applications received from some distribution licensees and the transmission licensee for extension of time of submission of MYT application, decided to fix the last date of submission of MYT application for the fourth control period on 31.12.2013 and accordingly issued an order dated 02.12.2013.

- 1.5. Accordingly, CESC Limited, complying with the provisions of the Tariff Regulations, prepared the application for determination of its tariff for the fourth control period and submitted the same to the Commission on 28.12.2013. This tariff application was admitted by the Commission and was numbered as TP-56/13-14.
- 1.6. CESC Limited was thereafter directed to publish, as required under section 64(2) of the Act, the gist of the tariff application as approved by the Commission in the website and newspapers as specified in the Tariff Regulations. The gist was, accordingly, published simultaneously on 19.02.2014 in 'Anandabazar Patrika', 'The Telegraph', 'Sanmarg', 'Sangbad Pratidin; and also in certain other newspapers. The gist along with the tariff petition was also posted in the website of CESC Limited. The publication invited the attention of all interested parties, stake holders and the members of the public to the application for determination of tariff of CESC Limited for the fourth control period and requested for



***Tariff Order of CESC Limited for the year 2015 – 2016***

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submission of suggestions, objections and comments, if any, on the tariff application to the Commission by 21.03.2014 at the latest. Opportunities were also afforded to all to inspect the tariff application and take copies thereof.

1.7. The suggestions, objections and comments on the aforementioned tariff application of CESC Limited for the fourth control period were received by the Commission from the following objectors within the stipulated time.

- a) Ganatantrik Nagarik Samity, Howrah,
- b) Indus Towers Limited,
- c) All Bengal Electricity Consumers Association (ABECA).

1.8. The Commission thereafter, in accordance with the provisions of the Act and Tariff Regulations, passed the tariff order dated 04.03.2015 in respect of CESC Limited in case no. TP-56/13-14 for 2014 – 2015 determining the Aggregate Revenue Requirement (in short 'ARR') of CESC Limited for each ensuing year under the fourth control period, along with the tariffs of CESC Limited for 2014 – 2015. The objections and suggestions on the tariff application of CESC Limited for the fourth control period were dealt with separately in the tariff order dated 04.03.2015. The analysis and findings for determination of the aforesaid ARR and tariffs of CESC Limited were recorded in the tariff order dated 04.03.2015 in respect of CESC Limited for 2014 – 2015. CESC Limited on receipt of the aforesaid tariff order of 2014 – 2015 submitted its gist for approval and the gist was approved by the Commission on 11.03.2015. Accordingly the gist was published in newspapers and in website of CESC Limited on 13.03.2015. Till the date of signing of this order no notice has been served to the Commission by any stakeholder indicating any filing of case in the court of law against the tariff order of 2014 – 2015 including the ARR of 2015 – 2016 and 2016 – 2017 or



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against any other statutory provisions related to tariff in the context of the said order.

- 1.9. The Commission now proceeds to determine the revenue recoverable through tariff by CESC Limited during the year 2015 – 2016 as also the tariff of CESC Limited for 2015 – 2016 on the basis of ARR determined for 2015 – 2016 in the tariff order for the year 2014 – 2015 and adjustments, if any, in subsequent chapters in accordance with the Tariff Regulations.





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**Tariff Order of CESC Limited for the year 2015 – 2016**

- 2.4 The Commission now decides to revise the power purchase cost of CESC Limited as per the revised plan of CESC Limited for purchase of power from WBSEDCL based on the month wise energy sale as shown below:

Computation of cost of power purchase by CESC Limited from WBSEDCL as per revised power purchase plan of CESC Limited during the year 2015 – 2016					
Month/Period	Agreed annual maximum demand (MW)	Energy drawal (MU)	Fixed charge @ Rs. 2545 lakh/month for agreed annual maximum demand of 330 MW Rs. lakh	Energy charge @ 252 paise/kWh (Rs. lakh)	Total charge (Rs. lakh)
April, 2015	330	85	2545	2142	4687
May, 2015	330	85	2545	2142	4687
01.06.2015 to 03.06.2015	330	9	255	227	482
04.06.2015 to 30.06.2015	100	23	694	580	1274
July, 2015	100	26	771	655	1426
01.08.2015 to 03.08.2015	100	3	75	76	151
Total		231	6885	5822	12707

- 2.5 The Commission also considers the short fall in purchase of energy from WBSEDCL during the year 2015 – 2016 to be met up from additional energy purchase by CESC Limited from other supplementary sources. Cost of this additional power purchase has been considered at an average rate of 349.83 paise / kWh which is the average of the energy charge rates considered for the year 2015 – 2016 for HEL, co-generation and others. The transmission charge, if any, payable by CESC Limited for this additional procurement of power from different sources in accordance with the provision of the relevant Regulations of the Appropriate Commission will be dealt with in the Fuel and Power Purchase Cost Adjustment (FPPCA) and Annual Performance Review (APR) of CESC Limited for the year 2015 – 2016. The quantum of energy and cost thereof for Haldia Energy Limited, co-generation and others as admitted in the tariff order dated 04.03.2015 shall remain unchanged. The revised power purchase cost for the year 2015 – 2016 are as follows:





### Tariff Order of CESC Limited for the year 2015 – 2016

Source of power purchase	Power purchase cost admitted in the tariff order dated 04.03.2015 for 2015 – 2016		Revised power purchase cost for 2015 – 2016	
	MU	Rs. in lakh	MU	Rs. in lakh
WBSEDCL	630	46411.00	231	12707.00
Haldia Energy Limited	2594	132856.00	2594	132856.00
Co-generation	84	3051.00	84	3051.00
Others	266	12175.00	266	12175.00
Additional energy to be purchased from other supplementary sources	-	-	399	13958.00
Total	3574.00	194493.00	3574	174747.00

- 2.6 Thus a negative adjustment of Rs. 19746.00 lakh (Rs. 194493.00 lakh – Rs. 174747.00 lakh) in power purchase is to be made in determining the revenue recoverable by CESC Limited through tariff during the year 2015 – 2016.
- 2.7 The Commission in the tariff order dated 04.03.2015 in case no. TP-56/13-14 considered for adjustment of Rs. 921.37 lakh and Rs. 7000.00 lakh being the balance adjustment of regulatory assets created in the APR order for 2011 - 2012 and a part release of recoverable amount determined in APR for 2012 – 2013 respectively as detailed in paragraphs 6.2 and 6.5 of the order dated 04.03.2015 in respect of CESC Limited in connection with determination of the revenue recoverable through tariff for the year 2015 – 2016. The Commission decides to continue with the adjustment of the said amount in determination of revenue recoverable through tariff for 2015 – 2016 in this order. APR order of CESC Limited for the year 2013 – 2014 has not yet been finalized and as such no adjustments have been considered for the same.
- 2.8 Accordingly, the revenue recoverable through tariff, capacity charge and fixed charge of CESC Limited for the year 2015 – 2016 work out as under:



**Tariff Order of CESC Limited for the year 2015 – 2016**

**Amount in Rs. in Lakh**

REVENUE RECOVERABLE THROUGH TARIFF, CAPACITY CHARGES AND FIXED CHARGES IN 2015-16							
SI No	Particulars	Generation				Distribution	Total
		Budge Budge TPS	Titagarh TPS	Southern generating Station	New Cossipore TPS		
1	Aggregate Revenue Requirement for 2015-16	177440.00	59441.00	34338.00	112.00	400258.00	671589.00
2	Negative adjustment of power purchase cost as per paragraph 2.4	0.00	0.00	0.00	0.00	19746.00	19746.00
3	Aggregate Revenue Requirement for 2015 – 2016 (3 = 1 – 2)	177440.00	59441.00	34338.00	112.00	380512.00	651843.00
4	Positive adjustment of balance amount of recoverable amounts determined in APR for 2011 – 2012	310.23	128.72	101.49	134.23	246.70	921.37
5	Positive adjustment of a part of recoverable amounts determined in APR for 2012 – 2013	1882.30	613.72	376.48	231.40	3896.10	7000.00
6	Total revenue to be recovered through tariff in 2015-16 (4= 1+ 2+3)	179632.53	60183.44	34815.97	477.63	384654.80	659764.37
7	Fuel Cost / Power Purchase Cost	122652.00	44712.00	25698.00	0.00	174747.00	367809.00
8	Capacity Charges / Fixed Charges (6 = 4 - 5)	56980.53	15471.44	9117.97	477.63	209907.80	291955.37

2.9 In the tariff order dated 04.03.2015 in paragraph 4.7.1 the Commission admits the units to be sold to consumers during 2015 – 2016 at 9424.00 MU and the units to be sold to West Bengal State Electricity Distribution Company Limited (WBSEDCL) during the year 2015 – 2016 at 33 MU. The price of energy to be purchased by WBSEDCL from CESC Limited for the year 2015 – 2016 is admitted at 610 paise/kWh in the tariff order dated 04.03.2015 of WBSEDCL.

2.10 The Commission now works out the average tariff for the consumers of CESC Limited for 2015 – 2016 and the same is shown in the table below:

AVERAGE TARIFF FOR THE CONSUMERS OF CESC Limited in 2015 – 2016			
SI. No.	Particulars	Unit	Total
1.	Total revenue to be recovered through tariff	Rs. Lakh	659764.37
2.	Revenue from sale of power to WBSEDCL	Rs. Lakh	2013.00
3.	Revenue Recoverable from sale of power to the consumers (3) = [(1)-(2)]	Rs. Lakh	657751.37
4.	Projected quanta of energy for sale to the consumers	MU	9424.00
5.	Average tariff for the consumers for the year 2009 – 2010 (5)=[(3) x 10 ÷ (4)]	Paisa / KWh	697.95



## ANNEXURE 2A SUMMARISED STATEMENT OF AGGREGATE REVENUE REQUIREMENT OF CESC LIMITED FOR 2015 - 2016

Amount in Rs. in Lakh

ITEM	Generating Stations					
	Budge Budge	Titagarh	Southern	New Cossipore	Distribution	Total
Fuel	122652.00	44712.00	25698.00	0.00	0.00	193062.00
Power Purchase	0.00	0.00	0.00	0.00	194493.00	194493.00
Coal & Ash Handling related charges	581.00	925.00	9.00	0.00	0.00	1515.00
Employee Cost	4264.00	5374.00	3611.00	0.00	58752.00	72001.00
Cost of Contracted Manpower in Regular Establishment	2346.00	1059.00	55.00	0.00	0.00	3460.00
O&M Expenses	9285.00	3454.00	1957.00	112.00	31434.00	46242.00
Rent for generation	0.00	0.00	21.00	0.00	0.00	21.00
Rates & Taxes	319.00	190.00	66.00	0.00	267.00	842.00
Service Tax & Entry Tax	0.00	0.00	0.00	0.00	1103.00	1103.00
Insurances	503.00	103.00	61.00	0.00	304.00	971.00
Financing Charges	251.00	93.00	53.00	0.00	683.00	1080.00
Interest on capital expenditure	5243.00	558.00	362.00	0.00	26098.00	32261.00
Interest on Temporary Accommodation	733.00	273.00	155.00	0.00	1994.00	3155.00
Interest on consumer security deposit	0.00	0.00	0.00	0.00	9322.00	9322.00
Foreign Exchange Rate Variation	0.00	0.00	0.00	0.00	0.00	0.00
Interest on Working Capital	0.00	0.00	0.00	0.00	0.00	0.00
Bad Debt	0.00	0.00	0.00	0.00	2674.00	2674.00
Lease rental	0.00	62.00	208.00	0.00	841.00	1111.00
Depreciation	8796.00	597.00	301.00	0.00	25386.00	35080.00
Advance Depreciation	3764.00	255.00	129.00	0.00	10863.00	15011.00
Water Charges	12.00	132.00	81.00	0.00	0.00	225.00



**Tariff Order of CESC Limited for the year 2015 – 2016**

ITEM	Generating Stations					
	Budge Budge	Titagarh	Southern	New Cossipore	Distribution	Total
Reserve for Unforeseen Exigencies	0.00	0.00	0.00	0.00	0.00	0.00
Intangible Assets written off	19.00	1.00	1.00	0.00	51.00	72.00
Cost of Outsourcing	0.00	0.00	0.00	0.00	950.00	950.00
Tax on Income & profit	3212.00	284.00	270.00	0.00	7192.00	10958.00
Return on Equity	16062.00	1422.00	1351.00	0.00	35954.00	54789.00
Terminal Benefits	0.00	0.00	0.00	0.00	0.00	0.00
Incentive	0.00	0.00	0.00	0.00	0.00	0.00
<b>Gross Aggregate Revenue Requirement</b>	<b>178042.00</b>	<b>59494.00</b>	<b>34389.00</b>	<b>112.00</b>	<b>408361.00</b>	<b>680398.00</b>
Less : Misc. other income	602.00	53.00	51.00	0.00	7563.00	8269.00
Less :Benefit passed on to consumers and licensees for sale of Energy to person other than consumers and licensees	0.00	0.00	0.00	0.00	0.00	0.00
Less: Benefit Passed on to consumer for Auxiliary services	0.00	0.00	0.00	0.00	100.00	100.00
Less: Earnings from commercial usage of assets	0.00	0.00	0.00	0.00	440.00	440.00
<b>Net Aggregate Revenue Requirement</b>	<b>177440.00</b>	<b>59441.00</b>	<b>34338.00</b>	<b>112.00</b>	<b>400258.00</b>	<b>671589.00</b>



## **CHAPTER - 3 TARIFF ORDER**

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- 3.1 In the previous chapter, the Commission has determined for CESC Limited the revenue recoverable through tariff during 2015 – 2016 and the average tariff for the consumers of CESC Limited for 2015 – 2016 as well. The Commission now proceeds to determine the tariff schedule applicable to the consumers of CESC Limited and also the associated conditions of tariff of CESC Limited for 2015 – 2016. The Commission is passing other orders also as mentioned in subsequent paragraphs.
- 3.2 The tariff schedule as applicable to the consumers of CESC Limited in the year 2015-16 is given at Annexure - 3A1 for LV and MV consumers and at Annexure - 3A2 for HV and EHV consumers. The said tariff structure has been designed in a manner to fulfill the objective of attaining average tariff of each class of consumers within 80% to 120% of the average cost of supply (718.91 paise / kWh as per paragraph 2.5 of this order) except for lifeline consumers. For lifeline consumers the tariff has been kept at least of about 50% of average cost of supply in line with the guidelines in paragraph 8.3(i) of National Tariff Policy.
- 3.3 For the category of consumers whose average tariff is more than 100% of the average cost of supply in the tariff order of 2014 – 2015, the tariff has been fixed in such a way so that in this tariff order of 2015 – 2016 the percentage ratio of average tariff of such category of consumers to average cost of supply in 2015 – 2016 tariff order has been slightly reduced than that of 2014 – 2015.
- 3.4 Details of different tariff schemes of different classes of consumers and various associated terms and conditions are specified in various regulations and in Annexure C1 and Annexure C2 of the Tariff Regulations. Other associated conditions of the tariff for 2015-16 shall be as follows:



**3.5.1 Load Factor Rebate / Surcharge:**

3.5.1.1 In order to reduce the overall system T&D loss and to flatten the load curve by improving the existing system load factor of CESC Limited, the HT industrial, HT commercial and HT domestic consumers shall receive voltage wise graded load factor rebate as per the following table:

**LOAD FACTOR REBATE (Paise / kWh)**

Range of Load Factor (LF)		Supply Voltage		
		Below 33 kV	33 kV	Above 33 kV
Above 50%	Up to 55%	1	2	3
Above 55%	Up to 60%	4	5	6
Above 60%	Up to 65%	8	10	12
Above 65%	Up to 70%	10	14	18
Above 70%	Up to 75%	20	22	24
Above 75%	Up to 80%	25	30	35
Above 80%	Up to 85%	30	35	45
Above 85%	Up to 90%	35	45	55
Above 90%	Up to 92%	37	50	60
Above 92%	Up to 95%	40	55	65
Above 95%		45	60	70

3.5.1.2 The above load factor rebate shall be applicable on total quantum of energy consumed in the billing period. (For example a 6 kV industrial or commercial or domestic consumer at 85% load factor shall be eligible for a rebate @ 30 paise / kWh on the total quantum of energy consumed in the billing period).

3.5.1.3 Load factor surcharge shall continue at the prevailing rate.

3.5.1.4 The load factor rebate and load factor surcharge shall be computed in accordance with the formula and associated principles given in regulations 3.9.2, 3.9.3 and 3.9.4 of the Tariff Regulations and at the rates as mentioned in paragraphs 3.5.1.1 and 3.5.1.3 above



**3.5.2 Fixed / Demand Charge:**

3.5.2.1 The fixed charge shall be applicable to different categories of consumers as per rate as shown in Annexure – 3A1 of this tariff order.

3.5.2.2 The demand charge shall be applicable to different categories of consumers as per rate as shown in Annexure – 3A1 and Annexure – 3A2 of this order on the basis of recorded demand as specified in regulation 4.3.3 of the Tariff Regulations.

3.5.2.3 When a new consumer gets connected to the system, the computation of fixed charge or demand charge for that month shall be made pro-rata for the number of days of supply in that particular month.

3.5.3 Subject to conditions as specified in regulation 4.13 of the Tariff Regulations, for all consumers minimum charge shall continue at the existing level.

3.5.4 In case of short term supply to Pandals for community religious ceremonies, a rebate of 30 paise / kWh on energy charge of each unit will be given from the date of this order if the entire illumination is done with LED.

3.5.5 For all consumers, excluding consumers having pre-paid meters, rebate shall be given @ 1% of the amount of the bill excluding meter rent, taxes, duties, levies and arrears (not being the arrears due to revision of tariff) if the payment is made within the due date.

3.5.6 In addition to the rebate under paragraphs 3.5.4 and 3.5.5 above, if the payment is made within due date, then an additional rebate of 1% of the amount of the bill excluding meter rent, taxes, duties, levies and arrears (not being arrears due to revision of tariff) would be allowed to the consumers who would pay their energy bills through e-payment facility (through web by using net banking, debit card, credit card, electronic clearing scheme) as introduced by CESC Limited. The prepaid consumers purchasing prepaid voucher through e-payment facility will get 1% rebate in voucher amount. A rebate of Rs. 5.00 will be admissible



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prospectively if any consumer opt for e-bill following regulation 3.1.10 of West Bengal Electricity Regulatory Commission (Electricity Supply Code) Regulations, 2013. These rebates are applicable after giving effect under paragraphs 3.5.4 and 3.5.5 of this order.

**3.5.7 Power Factor Rebate / Surcharge:**

3.5.7.1 The power factor rebate and surcharge shall continue for all HV and EHV categories of consumers to whom these are applicable at present. The rate of rebate and surcharge and the methods of calculation of such rebate and surcharge are given below:

Power Factor (PF) Range	Power Factor Rebate & Surcharge on Energy Charge in Percentage							
	For Consumers under TOD Tariff						For Consumers under non-TOD Tariff	
	Normal Period (6.00 AM to 5.00 PM)		Peak Period (5.00 PM to 11.00 PM)		Off-peak Period (11.00 PM to 6.00 AM)			
	Rebate in %	Surcharge in %	Rebate in %	Surcharge in %	Rebate in %	Surcharge in %	Rebate in %	Surcharge in %
PF > 0.99	8.00	0.00	9.00	0.00	7.00	0.00	5.00	0.00
PF > 0.98 & PF ≤ 0.99	7.00	0.00	8.00	0.00	6.00	0.00	4.00	0.00
PF > 0.97 & PF ≤ 0.98	5.00	0.00	6.00	0.00	4.00	0.00	3.00	0.00
PF > 0.96 & PF ≤ 0.97	4.00	0.00	5.00	0.00	3.00	0.00	2.50	0.00
PF > 0.95 & PF ≤ 0.96	3.00	0.00	4.00	0.00	2.00	0.00	2.00	0.00
PF > 0.94 & PF ≤ 0.95	2.25	0.00	3.00	0.00	1.50	0.00	1.50	0.00
PF > 0.93 & PF ≤ 0.94	1.50	0.00	2.00	0.00	1.00	0.00	1.00	0.00
PF > 0.92 & PF ≤ 0.93	0.75	0.00	1.00	0.00	0.50	0.00	0.50	0.00
<b>PF ≥ 0.86 &amp; PF ≤ 0.92</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>
PF ≥ 0.85 & PF < 0.86	0.00	0.75	0.00	1.00	0.00	0.50	0.00	0.50
PF ≥ 0.84 & PF < 0.85	0.00	1.50	0.00	2.00	0.00	1.00	0.00	1.00
PF ≥ 0.83 & PF < 0.84	0.00	2.25	0.00	3.00	0.00	1.50	0.00	1.50
PF ≥ 0.82 & PF < 0.83	0.00	3.00	0.00	4.00	0.00	2.00	0.00	2.00
PF ≥ 0.81 & PF < 0.82	0.00	4.00	0.00	5.00	0.00	3.00	0.00	2.50
PF ≥ 0.80 & PF < 0.81	0.00	5.00	0.00	6.00	0.00	4.00	0.00	3.00
PF < 0.80	0.00	6.00	0.00	7.00	0.00	5.00	0.00	3.50

3.5.7.2 The rebate and surcharge against different time periods shall be reflected in the bill separately and shall be treated separately.





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- 3.5.8 For short term supply, emergency supply and for supply of construction power, there shall be no rebate or surcharge for load factor and power factor.
- 3.5.9 Delayed payment surcharge shall be applicable as per regulation 4.14 of the Tariff Regulations.
- 3.5.10 All existing charges relating to meter rent for HT consumers, meter testing, meter replacement, disconnection and reconnection etc. shall continue.
- 3.5.11 A consumer opting for pre-paid meter shall not be required to make any security deposit for the energy charge.
- 3.5.12 All statutory levies like electricity duty or any other taxes, duties etc. imposed by the State Govt. / Central Govt. or any other competent authority shall be extra and shall not be a part of the tariff determined under this tariff order.
- 3.5.13 All the rates and conditions of tariff are effective from 1<sup>st</sup> April 2015 and onwards. This rate will continue till further order of the Commission. Adjustments, if any, for over recovery / under recovery for 2015 – 2016 from the energy recipient shall be made through energy bill for the month of August, 2015.
- 3.5.14 The rates mentioned in Annexure 3A1 and 3A2 exclude the Monthly Variable Cost Adjustment (MVCA) or Adhoc FPPCA as realized / to be realized by CESC Limited. Against such rate while adjustment will be done as per paragraph 3.5.13, then the MVCA realized against the consumption within the period 1<sup>st</sup> April, 2015 to till the date of implementation of this order shall also be considered as realization against above mentioned tariff rates of 2015 – 2016 as shown in Annexure 3A1 and 3A2 and accordingly adjustment is to be done as mentioned in paragraph 3.5.13.



*Tariff Order of CESC Limited for the year 2015 – 2016*

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- 3.5.15 In addition to the tariff determined under this tariff order, CESC Limited will be further entitled to additional sums towards enhanced cost of fuel and power purchase, if any, after the date from which this tariff order takes effect. Thus CESC shall also realize MVCA for any subsequent period after issuing of this order as per provisions of the Tariff Regulations based on the tariff of this order. The fuel and power purchase cost shall be subject to adjustment in accordance with the Tariff Regulations. While computing MVCA the direction in paragraph 4.2 of this order shall be complied with.
- 3.5.16. Optional TOD tariff scheme for LT Commercial, LT Industrial and LT Public Water Works categories of consumers having minimum load of 30 KVA, which was directed to be introduced in the tariff order for 2007-08, shall continue and energy charge under such scheme shall be computed according to regulation 4.12 of the Tariff Regulations, wherever applicable, if no tariff rates for such consumers are mentioned in the tariff schedule.
- 3.5.17. For any pre-paid and TOD tariff scheme, other charges shall be the charges applicable to consumers under respective category of non-TOD tariff.
- 3.5.18. An applicant for short term supplies through pre-paid meter shall have to comply with all necessary formalities for obtaining supply including payment in accordance with the Regulations made by the Commission. The same will be subject to the following conditions:
- i. Provision of requisite meter security deposit to be kept with the licensee;
  - ii. Provision of space for installing weather-proof, safe and secure terminal services apparatus to protect sophisticated meter; and
  - iii. Availability of prepaid-meter of appropriate capacity



*Tariff Order of CESC Limited for the year 2015 – 2016*

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- 3.5.19. To avail Rate C-2 for street lighting the supply should be metered and all the street lights under the same meter shall be illuminated with LED. For mixed type of street lights under one meter Rate – C shall be applicable.
- 3.5.20. For a pre-paid consumer who has purchased voucher prior to issue of this order, the existing tariff will continue till such voucher is exhausted.
- 3.5.21. In terms of the notification dated 27.03.2012 of the Commission, no licensee would supply electricity to any class or classes of consumers in West Bengal except through correct meter in accordance with the regulations made by the Central Electricity Authority (CEA) after 31.03.2013. The Commission in modification of the notification dated 27.03.2012 vide notification dated 25.03.2013 and subsequent corrigendum dated 22.04.2013 extended the date upto 31.03.2015 only for the consumers under street light and irrigation categories. Thus, beyond 31.03.2015 CESC Limited shall not supply electricity to any consumer belonging even to street light categories without installation of correct meter in accordance with the regulations made by CEA.
- 3.5.22. Any matter, which has not been explicitly mentioned in this order, shall be guided by regulations 2.9.8 and 2.9.9 of the Tariff Regulations.
- 3.6. It is open to the State Government to grant any subsidy to any consumer or any class of consumers in the tariff determined by the Commission for CESC Limited. If at all any such subsidy under the provisions of the Act is intimated to CESC Limited and to the Commission by the Government of West Bengal with clear indication of the consumer or class of consumers to be subsidized and the amount of the subsidy proposed to be given is paid in advance, the tariff of such consumer and / or the class of consumers shall be deemed to have been reduced accordingly as has been indicated by the State Government. However,



***Tariff Order of CESC Limited for the year 2015 – 2016***

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- such direction of the State Government shall not be operative till the payment is made by the State Government in accordance with the provisions of the Act and the Regulations made thereunder, and the tariff as fixed by the Commission shall remain applicable. In accordance with the Tariff Regulations, the State Government is required to communicate within 15 days from the date of receipt of a tariff order, whether it shall give any subsidy to any group of consumers etc.
- 3.7. CESC Limited shall present to the Commission a gist of this order showing salient features of tariff / tariffs within three working days from the date of receipt of this order for approval of the Commission and on receipt of the approval shall publish the approved gist in terms of regulation 2.9.6 of the Tariff Regulations within four working days from the date of receipt of the approval of the Commission.

LOW AND MEDIUM VOLTAGE CONSUMERS

Sl No	Type of Consumer	Applicable Tariff Scheme					Optional Tariff Scheme										
		Consumer category	Name of the Tariff Scheme	Monthly consumption in KWH		Energy Charge P/kWh	Fixed Charge/ Demand Charge* in Rs./KVA/Mon	Optional Tariff Scheme - I					Optional Tariff Scheme - II				
				Consumer category	Name of the Tariff Scheme			Monthly consumption in KWH	Energy Charge P/kWh	Fixed Charge/ Demand Charge* in Rs./KVA/Mon	Consumer category	Name of the Tariff Scheme	Monthly consumption in KWH	Energy Charge P/kWh	Fixed Charge/ Demand Charge* in Rs./KVA/Mon		
1.	Life Line Consumer (Domestic)	Rate G (LL)	Normal	0 to 25		378	5.00	Not Applicable					Not Applicable				
2.	Domestic (Urban)	Rate G	Normal	First	25	489	10	Rate G (p)	Prepaid	All Units	722	10	Not Applicable				
				Next	35	540											
				Next	40	641											
				Next	50	716											
				Above	150	733											
				Above	300	892											
3.	Commercial (Urban)	Rate M (i)	Normal	First	60	628	12	Rate M (i) (TOD)	Normal TOD	06:00 hrs to 17:00 hrs	760	12	Rate M (i) (pTOD)	Prepaid - TOD	06:00 hrs to 17:00 hrs	735	12
				Next	40	695				17:00 hrs to 23:00 hrs	836				17:00 hrs to 23:00 hrs	809	
				Next	50	764				23:00 hrs to 06:00 hrs	707				23:00 hrs to 06:00 hrs	684	
				Next	150	820											
				Above	300	897											
4.	Short-term Supply	Rate STLT	Prepaid - TOD	06.00 hrs to 17.00 hrs	724	24	Not Applicable					Not Applicable					
				17.00 hrs to 23.00 hrs	796												
				23.00 hrs to 06.00 hrs	673												

LOW AND MEDIUM VOLTAGE CONSUMERS

Sl No	Type of Consumer	Applicable Tariff Scheme					Optional Tariff Scheme										
							Optional Tariff Scheme - I					Optional Tariff Scheme - II					
		Consumer category	Name of the Tariff Scheme	Monthly consumption in KWH	Energy Charge P/kWh	Fixed Charge/ Demand Charge* in Rs./KVA/Mon	Consumer category	Name of the Tariff Scheme	Monthly consumption in KWH	Energy Charge P/kWh	Fixed Charge/ Demand Charge* in Rs./KVA/Mon	Consumer category	Name of the Tariff Scheme	Monthly consumption in KWH	Energy Charge P/kWh	Fixed Charge/ Demand Charge* in Rs./KVA/Mon	
5.	Specified Institution  Municipal or Non-Municipal	Rate P	Normal	On all Units	634	24	Rate P(p)	Prepaid	On all Units	617	24	Rate P (pTOD)	Prepaid TOD	06.00 hrs to 17.00 hrs & 20.00 hrs to 23.00 hrs	All Units	615	24
														17.00 hrs to 20.00 hrs	All Units	677	
														23.00 hrs to 06.00 hrs	All Units	572	
6	Government School, Government aided School or Government Sponsored School	P1	Normal	On all Units	495	10	P1 (TOD)	Normal (TOD)	06.00 hrs to 17.00 hrs & 20.00 hrs to 23.00 hrs	All Units	488	10	Not Applicable				
									17.00 hrs to 20.00 hrs	All Units	537						
									23.00 hrs to 06.00 hrs	All Units	473						
7	Public Bodies  Municipal or Non-Municipal	Rate C1	Normal	On all Units	693	36	Rate C1(p)	Prepaid	On all Units	658	36	Rate C1(pTOD)	Prepaid - TOD	06.00 hrs to 17.00 hrs & 20.00 hrs to 23.00 hrs	All Units	654	36
														17.00 hrs to 20.00 hrs	All Units	719	
														23.00 hrs to 06.00 hrs	All Units	608	

LOW AND MEDIUM VOLTAGE CONSUMERS

Sl No	Type of Consumer	Applicable Tariff Scheme						Optional Tariff Scheme										
		Consumer category	Name of the Tariff Scheme	Monthly consumption in KWH		Energy Charge P/kWh	Fixed Charge/ Demand Charge* in Rs./KVA/Mon	Consumer category	Name of the Tariff Scheme	Optional Tariff Scheme - I			Optional Tariff Scheme - II					
										Consumer category	Name of the Tariff Scheme	Monthly consumption in KWH	Energy Charge P/kWh	Fixed Charge/ Demand Charge* in Rs./KVA/Mon	Consumer category	Name of the Tariff Scheme	Monthly consumption in KWH	Energy Charge P/kWh
8.	Cottage Industry / Artisan / Weavers / Small production oriented establishment not run by electricity as motive power	Rate M (ii)	Normal	First	100	553	12	Rate M (ii) (pTOD)	Prepaid - TOD	06.00 hrs to 17.00 hrs	All Units	619	12	Not Applicable				
				Next	100	672				17.00 hrs to 23.00 hrs	All Units	681						
				Above	200	817				23.00 hrs to 06.00 hrs	All Units	576						
9.	Poultry, Duckery, Horticulture, Tissue culture, Floriculture, Herbal - Medicinal - Bio-diesel Plant Farming, Food Processing Unit	Rate M (iii)	Normal	First	300	677	12	Rate M (iii) (pTOD)	Prepaid - TOD	06.00 hrs to 17.00 hrs	All Units	672	12	Not Applicable				
				Next	300	743				17.00 hrs to 23.00 hrs	All Units	739						
				Next	400	778				23.00 hrs to 06.00 hrs	All Units	625						
				Above	1000	823												

LOW AND MEDIUM VOLTAGE CONSUMERS

Sl No	Type of Consumer	Applicable Tariff Scheme					Optional Tariff Scheme											
		Consumer category	Name of the Tariff Scheme	Monthly consumption in KWH		Energy Charge P/kWh	Fixed Charge/ Demand Charge* in Rs./KVA/Mon	Optional Tariff Scheme - I				Optional Tariff Scheme - II						
								Consumer category	Name of the Tariff Scheme	Monthly consumption in KWH	Energy Charge P/kWh	Fixed Charge/ Demand Charge* in Rs./KVA/Mon	Consumer category	Name of the Tariff Scheme	Monthly consumption in KWH	Energy Charge P/kWh	Fixed Charge/ Demand Charge* in Rs./KVA/Mon	
10.	Public Water Works & Sewerage System	Rate J	Normal	On all Units		658	36	Rate J (TOD)	Prepaid - TOD	06.00 hrs to 17.00 hrs & 20.00 hrs to 23.00 hrs	All Units	638	36	Not Applicable				
										17.00 hrs to 20.00 hrs	All Units	957						
										23.00 hrs to 06.00 hrs	All Units	440						
11.	Industries (Urban)	Rate K	Normal	First	500	648	25	Rate K (TOD)	Normal - TOD	06.00 hrs to 17.00 hrs	All Units	760	25	Not Applicable				
				Next	1500	718				17.00 hrs to 23.00 hrs	All Units	1140						
				Next	1500	758				23.00 hrs to 06.00 hrs	All Units	524						
				Above	3500	778												
12.	Street Lighting	Rate C	Normal	On all Units		658	36	Not Applicable					Not Applicable					



LOW AND MEDIUM VOLTAGE CONSUMERS

Sl No	Type of Consumer	Applicable Tariff Scheme					Optional Tariff Scheme									
		Consumer category	Name of the Tariff Scheme	Monthly consumption in KWH	Energy Charge P/kWh	Fixed Charge/ Demand Charge* in Rs./KVA/Mon	Optional Tariff Scheme - I					Optional Tariff Scheme - II				
							Consumer category	Name of the Tariff Scheme	Monthly consumption in KWH	Energy Charge P/kWh	Fixed Charge/ Demand Charge* in Rs./KVA/Mon	Consumer category	Name of the Tariff Scheme	Monthly consumption in KWH	Energy Charge P/kWh	Fixed Charge/ Demand Charge* in Rs./KVA/Mon
13	Street Lighting with LED	Rate C2	Normal	On all Units	548	36	Not Applicable					Not Applicable				
14.	Private Educational Institutions and Hospitals	Rate L	Normal	On all Units	703	36	Rate L (TOD)	Normal - TOD	06.00 hrs to 17.00 hrs & 20.00 hrs to 23.00 hrs	All Units	688	36	Not Applicable			
								17.00 hrs to 20.00 hrs	All Units	757						
								23.00 hrs to 06.00 hrs	All Units	640						
15.	Emergency Supply	Rate E2	Prepaid - TOD	06.00 hrs to 17.00 hrs	On all Units	779	48	Not Applicable					Not Applicable			
				17.00 hrs to 23.00 hrs	On all Units	1169										
				23.00 hrs to 06.00 hrs	On all Units	538										



HIGH & EXTRA HIGH VOLTAGE CONSUMERS

Sl No	Type of Consumer	Applicable Tariff Scheme							Optional Tariff Scheme								
		Consumer category	Name of the Tariff Scheme	Consumption per month in KWH	Energy Charge			Demand Charge (Rs./KVA/month)	Consumer category	Name of the Tariff Scheme	Consumption per month in KWH		Energy Charge			Demand Charge (Rs./KVA/month)	
					P/kWh						Summer	Monsoon	Winter	Summer	Monsoon		Winter
					Summer	Monsoon	Winter										
1.	Public Utility	Rate I	Normal	All Units	671	668	665	320	Rate I (TOD)	Normal - TOD	06.00 hrs-17.00 hrs & 20.00 hrs-23.00 hrs	All Units	651	641	631	320	
											17.00 hrs-20.00 hrs	All Units	977	962	947		
											23.00 hrs-06.00 hrs	All Units	449	442	435		
2.	Industries (below 33 KV)	Rate A	Normal	All Units	656	653	651	320	Rate A (TOD)	Normal - TOD	06.00 hrs-17.00 hrs	All Units	646	641	636	320	
											17.00 hrs-23.00 hrs	All Units	969	962	954		
											23.00 hrs- 06.00 hrs	All Units	446	442	439		
3.	Industries (33 KV)	Rate A1	Normal	All Units	633	630	627	320	Rate A1 (TOD)	Normal - TOD	06.00 hrs-17.00 hrs	All Units	626	621	616	320	
											17.00 hrs-23.00 hrs	All Units	939	932	924		
											23.00 hrs-06.00 hrs	All Units	432	428	425		
4.	Commercial (below 33 KV)	Rate B	Normal	All Units	704	701	698	320	Rate B (TOD)	Normal - TOD	06.00 hrs-17.00 hrs	All Units	692	689	686	320	
											17.00 hrs-23.00 hrs	All Units	1038	1034	1029		
											23.00 hrs-06.00 hrs	All Units	477	475	473		
5.	Commercial (33 KV)	Rate B1	Normal	All Units	655	652	649	320	Not Applicable								

HIGH & EXTRA HIGH VOLTAGE CONSUMERS

SI No	Type of Consumer	Applicable Tariff Scheme							Optional Tariff Scheme							
		Consumer category	Name of the Tariff Scheme	Consumption per month in KWH	Energy Charge			Demand Charge (Rs./KVA/month)	Consumer category	Name of the Tariff Scheme	Consumption per month in KWH	Energy Charge			Demand Charge (Rs./KVA/month)	
					P/kWh							P/kWh				
					Summer	Monsoon	Winter					Summer	Monsoon	Winter		
6.	Domestic	Rate R	Normal	All Units	713	710	707	22	Not Applicable							
7.	Public Water Works & Sewarage, Pumping Station under local Authority	Rate U	Normal	All Units	618	613	608	320	Rate U(TOD)	Normal - TOD	06.00 hrs-17.00 hrs & 20.00 hrs-23.00 hrs	All Units	608	598	588	320
											17.00 hrs-20.00 hrs	All Units	912	897	882	
											23.00 hrs-06.00 hrs	All Units	420	413	406	
8.	Sports Complex & Auditorium run by Govt./ local bodies for cultural affairs	Rate O	Normal	All Units	740	730	720	29	Not Applicable							
9.	Cold storage or Dairy with Chilling Plant	Rate CP	Normal	All Units	659	654	649	320	Rate CP (TOD)	Normal - TOD	06.00 hrs-17.00 hrs	All Units	639	634	629	320
											17.00 hrs-23.00 hrs	All Units	959	951	944	
											23.00 hrs-06.00 hrs	All Units	441	437	434	

HIGH & EXTRA HIGH VOLTAGE CONSUMERS

SI No	Type of Consumer	Applicable Tariff Scheme							Optional Tariff Scheme								
		Consumer category	Name of the Tariff Scheme	Consumption per month in KWH		Energy Charge			Demand Charge (Rs./KVA/month)	Consumer category	Name of the Tariff Scheme	Consumption per month in KWH		Energy Charge			Demand Charge (Rs./KVA/month)
						P/kWh								P/kWh			
						Summer	Monsoon	Winter						Summer	Monsoon	Winter	
10.	Emergency Supply	Rate E1	Normal TOD	06.00 hrs-17.00 hrs	All Units	748	738	728	320	Not Applicable							
				17.00 hrs-23.00 hrs	All Units	1122	1107	1092									
				23.00 hrs-06.00 hrs	All Units	516	509	502									
11.	Construction Power Supply	Rate HTCon	Normal TOD	06.00 hrs-17.00 hrs & 20.00 hrs-23.00 hrs	All Units	674	669	664	320	Not Applicable							
				17.00 hrs-20.00 hrs	All Units	1011	1004	996									
				23.00 hrs-06.00 hrs	All Units	465	462	458									
12.	Co-operative Group Housing Society for providing power to its members or person for providing power to its employees in a single premises	Rate HTCOP	Normal	All Units	All Units	683	678	673	29	Rate HTCOP (TOD)	Normal - TOD	06.00 hrs-17.00 hrs	All Units	658	653	648	29
												17.00 hrs-23.00 hrs	All Units	724	718	713	
												23.00 hrs-06.00 hrs	All Units	612	607	603	

HIGH & EXTRA HIGH VOLTAGE CONSUMERS

SI No	Type of Consumer	Applicable Tariff Scheme							Optional Tariff Scheme									
		Consumer category	Name of the Tariff Scheme	Consumption per month in KWH		Energy Charge			Demand Charge (Rs./KVA/month)	Consumer category	Name of the Tariff Scheme	Consumption per month in KWH			Energy Charge			Demand Charge (Rs./KVA/month)
						P/kWh									P/kWh			
						Summer	Monsoon	Winter							Summer	Monsoon	Winter	
13.	Common Services of Industrial Estate	Rate E	Normal TOD	06.00 hrs-17.00 hrs & 20.00 hrs-23.00 hrs	All Units	674	669	664	320	Not Applicable.								
				17.00 hrs-20.00 hrs	All Units	1011	1004	996										
				23.00 hrs-06.00 hrs	All Units	465	462	458										
14.	Traction/ Metro Rail / Calcutta Tramways	Rate T	Normal	All Units		693	688	683	88	Not Applicable.								
15.	Short-term Supply	Rate ST	Normal TOD	06.00 hrs-17.00 hrs	All Units	642	637	632	320	Not Applicable.								
				17.00 hrs-23.00 hrs	All Units	706	701	695										
				23.00 hrs-06.00 hrs	All Units	597	592	588										
16.	Private Educational Institutions	Rate E (ei)	Normal	All Units		664	654	644	320	Rate E (ei)	Normal - TOD	06.00 hrs-17.00 hrs	All Units	654	644	634	320	
17.00 hrs-23.00 hrs	All Units	719	708	697														
23.00 hrs-06.00 hrs	All Units	608	599	590														



## CHAPTER – 4 DIRECTIVES

- 4.1 The Commission in the tariff order of CESC Limited for 2014 – 2015, issued on 04.03.2015 had given certain directives to CESC Limited which are required to be complied with by CESC Limited. CESC Limited shall submit compliance report to the Commission by 1<sup>st</sup> September, 2015. The Commission now gives further directions in this chapter which are also required to be complied with by CESC Limited.
- 4.2 In order to reduce the impact in FPPCA henceforth while applying the formula of MVCA the component of adjustment  $\Delta_{Adj}$  shall be duly applied by finding out the deviation in recovery of variable cost from sale side computation for the period concerned in pursuance to note (a) under paragraph A of the Schedule – 7B of the Tariff Regulations.
- 4.3 In case of expenditure at a level higher than the admitted amount under any uncontrollable factor in this tariff order on account of fixed charges, while submitting APR application of any ensuing year CESC Limited has to justify such higher expenditure in detail with supporting document and evidence on the basis of which the Commission will take its decision during truing up exercise and it may be noted that without sufficient justification the excess expenditure may not be admitted in the APR fully or partly. Similarly for controllable factors, wherever applicable as per Tariff Regulations, for the same reasons supporting documents and evidence are to be submitted to justify their claim. While truing up any uncontrollable factor on account of fixed charges, the actual business volume parameter (distribution line length or consumer strength) and actual inflation rate to which such uncontrollable item is sensitive will be considered in the same manner and principle as determined under the tariff order issued on 04.03.2015 subject to the limitation as per the Tariff Regulations. However, wherever applicable as per this tariff order the ratio of expenses increase in percentage



**Tariff Order of CESC Limited for the year 2015 – 2016**

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- (%) of any item and the sensitivity parameter increase will remain the same as that of the tariff order dated 04.03.2015. This is applicable for APR of every year.
- 4.4 CESC Limited along with their application of APR for 2014 – 2015 shall submit the followings:
- a) Comprehensive plan for raising coal from allocated mines for reducing fuel cost further.
  - b) Plan for switching over to GCV for all purpose so that same can be incorporated in the next opportunity.
  - c) Plan to improve efficiency level within specific time line.
- 4.5 CESC Limited along with their APR application for the year 2014 – 2015 shall submit through affidavit a declaration that 100% supply of power to consumers are through meter only and no power is supplied through unmetered connection.
- 4.6 CESC Limited is directed to take initiatives for energy conservation to flatten the load curve in the following ways:
- i) by retrofitting conventional light with at least two 12W LED lamp for each domestic consumer; and
  - ii) by arranging load management awareness programme for the consumers.

CESC Limited shall also take initiative in development of roof top solar PV and other renewable sources of energy.

CESC Limited shall submit their plan within forty five (45) days from the date of this order regarding –





***Tariff Order of CESC Limited for the year 2015 – 2016***

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- i) replacement of bulb by LED lamp primarily in residential complexes which shall be extended to commercial complexes, street light, institutions, hospitals, etc in stages;
- ii) installation of roof top solar panel in residential and commercial complexes, institutions, hospitals, etc. and gradual increase in use of renewable energy, biomass, wind, cogeneration within the ambit of the Regulations of the Commission.

If any support from the Commission is required in this regard, the same may also be informed while submitting the proposal on the above aspects. The plan should be targeting reduction in evening peak demand by 600 MW which gradually be extended to 1000 MW by replacement of bulb by LEDS. The plan shall also include installation of roof top solar panel to the tune of 600 MW through net metering.

4.7 CESC Limited shall also submit the followings within one month from the date of this order:

- i) Detailed project report on account of High Voltage Distribution System, Smart Metering, Prepaid Metering and for switching over to smart grid in future;
- ii) Segregation of assets in both financial and physical terms for wire and supply function. Meter assets is to be given separately;
- iii) The present ERP programme and the future target keeping in mind the improvement in efficiency, introduction of best practices and professional management; and



**Tariff Order of CESC Limited for the year 2015 – 2016**

- iv) A road map setting overall Aggregate Technical and Commercial (AT&C) loss at 10% for rural, semi urban and urban feeders and 6% for cities is to be prepared and submitted.
- 4.8 CESC Limited along with their APR application for the year 2014 – 2015 shall submit through affidavit a declaration that 100% supply of power to consumers are through meter only and no power is supplied through unmetered connection.
- 4.9 CESC Limited shall also submit within 1 (one) month from the date of this order matrix wise consumption and AT&C losses for each segment as below to bring out separately the technical and commercial loss required for achieving the target AT&C loss as indicated in paragraph 4.7 (iv) above:

Voltage level	Semi-Urban		Urban		City	
	consumption (MU)	AT&C loss (%)	consumption (MU)	AT&C loss (%)	consumption (MU)	AT&C loss (%)
132 KV and above						
33 KV						
11 KV						
L&MV						

- 4.10 Henceforth, while submitting application of APR for the year 2014 – 2015 and onwards, CESC Limited shall have to submit the followings through affidavit:
- a) That no expenditure has been claimed by CESC Limited through the APR petition on employee or infrastructure or any other support or O&M activity pertaining to any other business of CESC Limited not in relation to their licensed business.
- b) The list of cases related to Tariff, Annual Performance Review (APR) and Fuel and Power Purchase Cost Adjustment (FPPCA) filed or applied for



***Tariff Order of CESC Limited for the year 2015 – 2016***

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filing in Court of Law but the notices have not yet been served to the Commission.

- c) A statement showing the utilization of the cash security deposit held by CESC Limited and income therefrom duly audited by the statutory auditors.

4.11 CESC Limited shall submit within one month from the date of this order the mining plan of the captive mine and its cost per metric tonne as calculated based on recent GOI guidelines and terms and conditions of reverse auction.

Sd/-  
**(SUJIT DASGUPTA)**  
**MEMBER**

Sd/-  
**(R. N. SEN)**  
**CHAIRPERSON**

**DATE: 10.08.2015**