



ORDER

OF

WEST BENGAL ELECTRICITY REGULATORY COMMISSION

FOR THE YEAR 2016 – 2017

IN

CASE NO: TP – 61 / 13 – 14

IN RE THE TARIFF APPLICATION OF THE WEST BENGAL

STATE ELECTRICITY DISTRIBUTION COMPANY 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: 28.10.2016



CHAPTER - 1 INTRODUCTION

- 1.1 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 The West Bengal State Electricity Distribution Company Limited (hereinafter referred to as WBSEDCL), is deemed to be a licensee under the Electricity Act, 2003 in terms of fifth proviso to Section 14 of the Act wholly owned by the State Government and is engaged in the business of distribution of electricity within the area of supply of WBSEDCL in the State of West Bengal and the distribution tariff of WBSEDCL shall be determined by the Commission.
- 1.3 West Bengal Electricity Regulatory Commission (Terms and Conditions of Tariff) Regulations, 2011 has come into effect from 29th 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 27th 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 30th 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 – 2017 under the Multi Year Tariff (MYT) framework was required to be submitted by WBSEDCL 120 days in advance of the effective date of the said control period. The effective date of the fourth control period is 1st April, 2014.



Tariff Order of WBSEDCL for the year 2016 – 2017

WBSEDCL submitted an application on 21.11.2013 for extension of the date for submission of their MYT application for the fourth control period upto 31.12.2013 on the ground that they were in a position to submit their FPPCA application for the year 2012 – 2013 on 07.11.2013 but would need some more time to complete their work for the tariff petition for the fourth control period. The Commission, after considering the application of WBSEDCL and also the applications received from some other distribution licensees, the transmission licensee and the generating company in the State for extension of time for 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. WBSEDCL, however, submitted another application on 30.12.2013 for further extension of time upto 15.01.2014 on the ground that WBSEDCL purchases power from the Central sector utilities as well as power from state utilities and the tariff for the period 2014-2019 for central sector agencies was yet to be finalized by the Central Electricity Regulatory Commission (in short 'CERC'). The Commission vide order dated 31.12.2013, therefore, further extended the date of submission of MYT application for the fourth control period upto 15.01.2014. Again, WBSEDCL submitted another application on 13.01.2014 for further extension of time upto 15.02.2014 on the ground that WBSEDCL could not finalize their power purchase cost as the required information regarding proposed power purchase cost in respect of different power stations of West Bengal Power Development Corporation Limited (in short 'WBPDC') has not been received from WBPDC and the tariff of central sector agencies were yet to be finalized by CERC. This was not considered by the Commission. WBSEDCL had failed to submit their MYT application within 15.01.2014. WBSEDCL further prayed for allowing minimum another one month time to submit their application vide their letter dated 22.01.2014 stating, inter-alia, that average cost of supply and the tariff structure for different categories of consumers would only be determined after finalization of power purchase cost as the power purchase cost contributes 70% to 75% of



Tariff Order of WBSEDCL for the year 2016 – 2017

Aggregate Revenue Requirement (ARR). This was also not considered by the Commission. The Commission vide letter dated 24.01.2014 directed WBSEDCL to submit their MYT application for the fourth control period without any further loss of time. WBSEDCL submitted their MYT application for the fourth control period on 24.02.2014. The application is for determining the revenue requirements and tariff of WBSEDCL for the fourth control period comprising three ensuing years i.e. 2014 – 2015, 2015 – 2016 and 2016 – 2017 under MYT framework. On scrutiny, it transpired that some more data, forms and documents were yet to be submitted by WBSEDCL; and the same were submitted by WBSEDCL on 03.03.2014 in pursuance to the communication sent to WBSEDCL vide Commission's letter dated 27.02.2014. WBSEDCL also made required submission on 04.03.2014 in reply to Commission's letter dated 04.03.2014.

- 1.5 The tariff application submitted on 24.02.2014 along with the information / data, documents submitted on 03.03.2014 and 04.03.2014, was admitted by the Commission in case No.TP-61/ 13-14, which was communicated to WBSEDCL on 04.03.2014 with the direction to publish the gist of the tariff application as approved by the Commission in the newspapers and also on their website, as specified in the Tariff Regulations. The gist was, accordingly, published simultaneously on 5th March, 2014 in the newspapers - (i) 'Business Line' (English), (ii) 'The Telegraph' (English), (iii) 'Anandabazar Patrika' (Bengali), (iv) 'Khabar – 365 din' (Bengali), (v) 'Kalam' (Bengali), (vi) 'Sanmarg' (Hindi) and (vii) 'Akhbar-E-Mashriq' (Urdu). The gist along with the tariff application was also posted on the website of WBSEDCL. 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 WBSEDCL for the fourth control period and requested for submission of suggestions, objections and comments, if any, on the tariff application to the Commission by 11th April, 2014 at the latest. Opportunities were also offered to all to inspect the tariff application and to take



Tariff Order of WBSEDCL for the year 2016 – 2017

copies thereof. Some correspondences were also made with WBSEDCL which were also published on the website of the Commission from time to time.

1.6 Objections to / comments on the aforementioned tariff petition of WBSEDCL for the fourth control period were received by the Commission from the following objectors within the stipulated time i.e., 11th April, 2014.

- 1 Ess Dee Aluminium Limited.
- 2 Ganatrantik Nagarik Samity, Howrah
- 3 Indus Tower Limited
- 4 Modern India Concast Limited
- 5 Eastern Railway
- 6 South Eastern Railway
- 7 Indian Tea Association
- 8 Rashmi Metaliks Limited.
- 9 Sri Gayatri Minerals Pvt. Ltd.
- 10 Rohit Ferro-Tech Ltd.
- 11 Sri Vasavi Industries Ltd.
- 12 CESC Limited.

1.7 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 WBSEDCL in case no. TP-61/13-14 for 2014 – 2015 determining the Aggregate Revenue Requirement (in short 'ARR') of WBSEDCL for each year of the fourth control period, along with the tariffs of WBSEDCL for 2014 – 2015. The objections and suggestions on the tariff petition of WBSEDCL for the fourth control period were dealt with separately in the tariff order dated 04.03.2015. The analyses and findings for determination of the aforesaid ARR and tariffs of WBSEDCL were recorded in the tariff order dated 04.03.2015 in respect of WBSEDCL for 2014 – 2015. WBSEDCL on receipt of the aforesaid tariff order of 2014 – 2015 submitted its gist for approval and the same was approved by the



सत्यमेव जयते



Tariff Order of WBSEDCL for the year 2016 – 2017

Commission on 11.03.2015. Accordingly, the gist was published in newspapers and on the website of WBSEDCL on 14.03.2015.

- 1.8 The Commission subsequently passed the tariff order dated 10.08.2015 in respect of WBSEDCL for the year 2015 – 2016 determining the revenue recordable through tariff by WBSEDCL during the year 2015 – 2016 and the tariff of WBSEDCL for the year 2015 – 2016 on the basis of ARR determined for 2015 – 2016 in the tariff order dated 04.03.2015 and after effecting necessary adjustments as per provisions of the Tariff Regulations. The gist of the tariff order dated 10.08.2015 was published in the newspapers and on the website of WBSEDCL on 20.08.2015.
- 1.9 The Commission now proceeds to determine the revenue recoverable through tariff by WBSEDCL during the year 2016 – 2017 as also the tariff of WBSEDCL for 2016 – 2017 on the basis of ARR determined for 2016 – 2017 in the tariff order dated 04.03.2015 after necessary adjustments in accordance with the Tariff Regulations as detailed in the subsequent chapter.



SUMMARISED STATEMENT OF AGGREGATE REVENUE REQUIREMENT & REVENUE RECOVERABLE THROUGH TARIFF FOR THE YEAR 2016 – 2017

- 2.1 As stated in the preceding chapter, the Commission determined the ARR of WBSEDCL separately for each of the three years of the fourth control period covering the years 2014 – 2015, 2015 – 2016 and 2016 – 2017 in the tariff order dated 04.03.2015 for 2014 – 2015 based on the analysis and findings recorded in that order. Such summarized statement of ARR for 2016 – 2017 was given in Annexure-6C to the tariff order dated 4th March, 2015.
- 2.2 The Commission in the tariff order dated 04.03.2015 in case no. TP-61/13-14 considered for adjustment of a total amount of Rs. 165488.00 lakh (Rs. 33150.00 lakh + Rs. 132338.00 lakh) being the part release of balance regulatory assets created in the APR orders for different years upto 2012 – 2013 along with the carrying cost thereon in connection with determination of revenue recoverable through tariff for the year 2016 – 2017 as detailed in paragraphs 6.2 and 6.3 of the order dated 04.03.2015. The Additional Secretary to the Government of West Bengal in the Department of Power & NES vide letter no. 148-PO/O/VS/55-30/2016 dated 5th September, 2016 has communicated that in exercise of the power conferred by section 108 read with section 65 of the Electricity Act, 2003, the State Government has agreed for extension of grant equivalent to outstanding loan and interest for an amount of Rs. 456316.00 lakh to WBSEDCL and WBPDCCL in the following manner:

| | |
|---------|--------------------|
| WBSEDCL | Rs. 264709.00 lakh |
| WBPDCCL | Rs. 191607.00 lakh |

It has also been mentioned in the aforesaid letter of the Additional Secretary to the Government of West Bengal, Department of Power & NES that the grant may be adjusted with the balance regulatory assets upto 2012 – 2013 and realizable amount through APR and FCA / FPPCA claim of the two utilities from 2013 –



सत्यमेव जयते



Tariff Order of WBSEDCL for the year 2016 – 2017

- 2014 onwards. It has also been stated in the said letter that the Finance Department, Government of West Bengal has given in-principle concurrence for the same vide its U.O. No. 0766 dated 21.07.2016. The Commission accordingly decides to make negative adjustment of Rs. 165488.00 lakh out of the grant of Rs. 264709.00 lakh as agreed to by the State Government to extend in respect of WBSEDCL against balance regulatory assets of Rs. 165488.00 lakh created in the APR orders upto the year 2012 – 2013 in determining the revenue recoverable through tariff by WBSEDCL for the year 2016 – 2017 as per direction given by the State Government vide the above mentioned letter dated 5th September, 2016. The balance amount of grant of Rs. 99221.00 lakh (Rs. 264709.00 lakh – Rs. 165488.00 lakh) will be adjusted subsequently against any recoverable amount through APR and FPPCA claim for the year 2013 – 2014 onwards. APR order of WBSEDCL for the year 2013 – 2014 has not yet been finalized, and as such, no adjustments have been considered for the same.
- 2.3 The Commission in the tariff order dated 04.03.2015 also considered for an adjustment of a total amount of Rs. 59539.13 lakh (Rs. 29448.00 lakh + Rs. 30091.13 lakh) being the amount payable by WBSEDCL to WBPDCCL in instalments on account of tariff order dated 30.12.2011 of new units of WBPDCCL for the years 2010 – 2011, 2011 – 2012 and 2012 – 2013 and the amount payable by WBSEDCL to WBPDCCL on account of FCA of WBPDCCL for the year 2012 – 2013 vide orders dated 06.06.2014 and 11.12.2014 as detailed in paragraphs 6.2 and 6.3 of the order dated 04.03.2015 in respect of WBSEDCL in connection with determination of the revenue recoverable through tariff for the year 2016 – 2017. The Commission decides to continue with the adjustment of the said amount in determination of revenue recoverable through tariff for 2016 – 2017 in this order also.
- 2.4 In the tariff order for 2016 – 2017 in respect of West Bengal Power Development Corporation Limited (WBPDCCL) the Commission has made adjustment in the



सत्यमेव जयते



Tariff Order of WBSEDCL for the year 2016 – 2017

fixed cost of Bandel TPS for the year 2016 – 2017 in terms of clause (v) of regulation 2.5.3 of the Tariff Regulations as detailed in paragraph 2.3 and 2.4 of the tariff order of WBPDCCL. The positive adjustment made in fixed cost of Bandel TPS of WBPDCCL for the year 2016 – 2017 is Rs. 657.90 lakh. The Commission decides to make adjustment in the power purchase cost as well as ARR of WBSEDCL for 2016 – 2017 also for the adjustment made in fixed cost of Bandel TPS for the year 2016 – 2017 on the basis of purchase of power projected by WBSEDCL from Bandel TPS in the year 2016 – 2017. Such adjustment in ARR of WBSEDCL for the year 2016 – 2017 comes to Rs. 345.58 lakh and the same is considered for adjustment in power purchase cost as per provisions of the Tariff Regulations.

- 2.5 In the tariff order dated 10.08.2015 in respect of WBSEDCL for the year 2015 – 2016, the Commission came across the correspondences between WBSEDCL and CESC Limited and found that the plan for purchase of power by CESC Limited from WBSEDCL during the year 2016 – 2017 has been changed with effect from 04.06.2015 from the one considered in the tariff order dated 04.03.2015 in case no. TP-61/13-14. The revised plan for purchase of power by CESC Limited from WBSEDCL as appeared from the correspondence is as follows:

| | |
|--|-------------------------|
| Upto 03.06.2015 | Maximum demand – 330 MW |
| 2 months from 04.06.2015 | Maximum demand – 100 MW |
| Any additional power required beyond 100 MW under exigency, the excess drawal will be done at single part tariff | |

It also appears that Department of Power & NES, Government of West Bengal, approved the plan for purchase of power by CESC Limited from WBSEDCL vide their letter no. 124-PO/O/C-111/3R-05/2014 dated 05.06.2015 as forwarded by WBSEDCL under their letter no. PTR/SERC/673 dated 08.06.2015 for final decision of WBERC as far as tariff determination is concerned.



सत्यमेव जयते



Tariff Order of WBSEDCL for the year 2016 – 2017

- 2.6 In the tariff order dated 04.03.2015, the energy sale to CESC Limited during the year 2016 – 2017 was considered at 685 MU with 385 MW as agreed annual maximum drawal. The power purchase requirement of WBSEDCL and cost thereof were admitted accordingly as shown in **Annexure – 4A** to the tariff order dated 04.03.2015. The energy sale to CESC Limited and revenue income therefrom were also determined and shown in Annexure – 6I to the tariff order dated 04.03.2015.
- 2.7 In view of the revised plan of power purchase by CESC Limited from WBSEDCL, the power purchase requirement and cost thereof as well as the revenue income from sale of power to CESC Limited as determined for the year 2016 – 2017 in the tariff order dated 04.03.2015 need to be revised. In the tariff order dated 10.08.2015 in respect of WBSEDCL for the year 2015 – 2016, the Commission had not considered any energy sale by WBSEDCL to CESC Limited beyond 03.08.2015 as per the revised plan of power purchase by CESC Limited from WBSEDCL as mentioned in paragraph 2.5 above. Thus, the Commission does not consider any sale by WBSEDCL to CESC Limited during the year 2016 – 2017. The Commission, therefore, decides to revise the revenue income from sale of power to CESC Limited as nil to arrive at the revenue recoverable from the consumers of WBSEDCL during the year 2016 – 2017. The Commission also decides to revise the power purchase cost of WBSEDCL for the year 2016 – 2017 to arrive at the revenue recoverable during the year 2016 – 2017.
- 2.8 In the tariff petition for the fourth control period comprising years 2014 – 2015, 2015 – 2016 and 2016 – 2017, WBSEDCL projected the energy sale to own consumers at 24785.10 MU, 27232.10 MU and 29921.10 MU respectively considering an annual average growth of 9.9% on the estimated energy sale of 22544.00 MU for the year 2013 – 2014. No suggestion and objections were received on the sale projection of WBSEDCL while the gist of the tariff



सत्यमेव जयते



Tariff Order of WBSEDCL for the year 2016 – 2017

application for the fourth control period was published inviting suggestions and objections from the public. The Commission admitted the sale of energy to its own consumers as projected by WBSEDCL for all the three years in the tariff order dated 04.03.2015.

2.9 The Commission observes from the documents submitted along with the application of APR filed by WBSEDCL for the year 2013 – 2014 that the actual energy sale to WBSEDCL's own consumers during the year 2013 – 2014 was 20625.56 MU which is much less than 22544.00 MU, the estimated energy sale to own consumers for base year 2013 – 2014, as considered for projection for the years 2014 – 2015, 2015 – 2016 and 2016 – 2017 in the tariff petition by WBSEDCL and admitted by the Commission in the tariff order dated 04.03.2015. Moreover, the Commission observes from the documents submitted by WBSEDCL along with APR applications for the years 2010 – 2011, 2011 – 2012 and 2012 – 2013 and also the APR application for 2013 – 2014 that the compounded annual growth rate of energy sale to its own consumers are 5.05%. No suggestion, objections and comments on the sale of energy to its own consumers were received against the gist published for the APR applications for the years 2010 – 2011, 2011 – 2012, 2012 – 2013 and 2013 – 2014.

2.10 If the Commission considers 6.00% annual growth for the ensuing years 2014 – 2015, 2015 – 2016 and 2016 – 2017, against the actual growth of 5.05% established during last four years, on the actual energy sale to its own consumers during 2013 – 2014, the estimated energy sale to its own consumers for 2016 – 2017 comes at 24565.37 MU as per the details given below:

| Actual Energy sale to own consumers (MU) | | | | estimated energy sale to own consumers (MU) considering 6.00% annual growth | | |
|--|-------------|-------------|-------------|---|-------------|-------------|
| 2010 - 2011 | 2011 - 2012 | 2012 - 2013 | 2013 - 2014 | 2014 - 2015 | 2015 - 2016 | 2016 - 2017 |
| 17790.17 | 18790.60 | 20534.08 | 20625.56 | 21863.09 | 23174.88 | 24565.37 |



सत्यमेव जयते



Tariff Order of WBSEDCL for the year 2016 – 2017

- 2.11 The Commission, however, decides to consider the energy sale to its own consumers as 24500 MU for the year 2016 – 2017 as against the energy sale of 29921 MU to its own consumers considered for the year 2016 – 2017 in the tariff order dated 04.03.2015 and to revise the power purchase cost accordingly in terms of clause (xi) of regulation 2.5.3 of the Tariff Regulations.
- 2.12 There will be a reduction in the requirement of purchase of power by WBSEDCL during the year 2016 – 2017 than that of what was considered in the tariff order dated 04.03.2015 for the year 2016 – 2017 also due to the revised sale to CESC Limited as discussed in paragraphs 2.6 and 2.7 above. The revised power purchase quantum works out at 35364.18 MU (34975.00 MU + 389.18 MU) as against the quantum of 42965.13 MU as admitted for the year 2016 – 2017 in the tariff order dated 04.03.2015. The revised energy balance for the year 2016 – 2017 is given in Annexure – 2A.
- 2.13 In view of the above, the Commission considers to make adjustment in the power purchase plan and the cost thereof as per provisions of the Tariff Regulations. The revised power purchase cost determined after considering adjustment as per paragraphs 2.4, 2.7, 2.8, 2.9, 2.10, 2.11 and 2.12 above is given below:

| Revised power purchase cost of WBSEDCL for the year 2016 – 2017 | | | |
|--|-----------------|----------------------|----------------------|
| Description | Energy | Amount | Average rate |
| | (MU) | (Rs. in lakh) | (Paise / kWh) |
| Power Purchase as per tariff order dated 04.03.2015 | 42965.13 | 1469958.94 | 342.13 |
| Adjustment on account of revised fixed cost of BTPS of WBPDCCL as mentioned in paragraph 2.4 | | 345.58 | |
| Total | 42965.13 | 1470304.52 | 342.21 |
| Revised quantum of power purchase (refer paragraph 2.12) | 35364.18 | 1210197.60 | 342.21 |



सत्यमेव जयते



Tariff Order of WBSEDCL for the year 2016 – 2017

- 2.14 The Commission in the tariff order dated 04.03.2015 decided that the benefit from sale of energy to persons other than the consumers and licensee of the Commission will be passed on to the consumers / licensee on actual basis through APR of the concerned year instead of tariff order on projection basis. The quantum of energy for sale to persons other than consumers and licensees during the year 2016 – 2017 remains same at 3542.17 MU as considered for the year 2016 – 2017 in the tariff order dated 04.03.2015. But, there is a change in expenses attributable to sale to persons other than consumers and licensee due to change in average power purchase cost as per adjustment mentioned in paragraph 2.13 above. As already decided in the tariff order dated 04.03.2015, the Commission will consider the benefit from sale of energy to persons other than consumers and licensees on actual basis in the APR for 2016 – 2017.
- 2.15 The revised Net Aggregate Revenue Requirement of WBSEDCL for the year 2016 – 2017 is given in Annexure – 2B.
- 2.16 In view of the revised power purchase plan of CESC Limited as stated above the quantum of sale to CESC Limited and the revenue income from sale to CESC Limited have been considered as zero. The total revenue income from sale to licensees and Sikkim during the year 2016 - 2017 thus comes to Rs. 38464.00 lakh as shown in the Table below:

| ENERGY SALE BY WBSEDCL TO OTHER LICENSEE OF WEST BENGAL AND SIKKIM | | | |
|--|--------------------------------|-------------------|---------------------|
| Sl. No. | PURCHASER OF POWER | ENERGY SALE IN MU | REVENUE IN Rs. LAKH |
| | | 2016-17 | 2016-17 |
| 1 | SALE TO CESC | 0.00 | 0.00 |
| 2 | SALE TO DPSC | 431.30 | 23895.00 |
| 3 | SALE TO DPL | 200.00 | 13620.00 |
| 4 | SALE TO SIKKIM AS PER CONTRACT | 47.00 | 949.00 |
| 5 | SALE TO LICENSEE (1+2+3+4) | 678.30 | 38464.00 |



Tariff Order of WBSEDCL for the year 2016 – 2017

2.17 Accordingly, the revenue recoverable through tariff of WBSEDCL for the year 2016 – 2017 works out as under:

Amount in Rupees in Lakh

| REVENUE RECOVERABLE BY WBSEDCL THROUGH TARIFF IN 2016 – 2017 | | | | |
|--|---|-----------------|-------------------|-------------------|
| Sl. No. | Particulars | Generation | Distribution | Total |
| 1 | Net Aggregate Revenue Requirement for 2016-17 as per Annexure – 2B | 43654.95 | 1624113.43 | 1667768.38 |
| 2 | Part release of regulatory assets crated in APR for 2008 – 2009 (Refer paragraph 2.2 above) | 0.00 | 33150.00 | 33150.00 |
| 3 | Payable arrear against tariff order dated 30.12.2011 of new units of WBPDCCL (Refer paragraph 2.3 above) | 0.00 | 29448.00 | 29448.00 |
| 4 | Payable FCA of WBPDCCL for the year 2012 – 2013 vide orders dated 06.06.2014 and 11.12.2014 (Refer paragraph 2.3 above) | 0.00 | 30091.13 | 30091.13 |
| 5 | Adjustment of APR of WBSEDCL 2012 – 2013 (Refer paragraph 2.2 above) | 0.00 | 132338.00 | 132338.00 |
| 6 | Carrying cost of APR of WBSEDCL for 2012 – 2013 | 0.00 | 0.00 | 0.00 |
| | Revenue Recoverable [sum (1) to (6)] | 43654.95 | 1849140.56 | 1892795.51 |
| 7 | Less: Adjustment of grant admitted by Government of West Bengal (refer paragraph 2.2) | 0.00 | 165488.00 | 165488.00 |
| 8 | Net amount recoverable through tariff during 2016 – 2017 | 43654.95 | 1683652.56 | 1727307.51 |

2.18 The Commission has also worked out the average tariff for the consumers of WBSEDCL for 2016 – 2017 and the same is shown in the Table below:

| AVERAGE TARIFF FOR THE CONSUMERS OF WBSEDCL in 2016 – 2017 | | | |
|--|--|-------------|------------|
| Sl. No. | Particulars | Unit | Total |
| 1 | Total Revenue to be recovered through tariff | Rs. in Lakh | 1727307.51 |
| 2 | Revenue from sale of power to Licensee and Sikkim (Refer paragraph 2.16) | Rs. in Lakh | 38464.00 |
| 3 | Revenue recoverable from sale of power to the consumers [(3) = (1)-(2)] | Rs. in Lakh | 1688843.51 |
| 4 | Projected quanta of energy for sale to consumers (Refer paragraph 2.11). | MU | 24500.00 |
| 5 | Average tariff for the consumers for the year 2016 – 2017 [(5)=(Sl.3)x10/(Sl.4)] | Paise / kWh | 689.32 |



**ANNEXURE – 2A
REVISED ENERGY BALANCE**

| Sl. No | Energy Input | Unit | Derivatives | 2016-2017 (Revised) |
|--------|--|------|---------------|---------------------|
| 1 | Generation | MU | A | 1402.33 |
| 2 | Auxiliary Consumption | MU | B1 | 19.74 |
| 3 | Units delivered to system from generation [Form 1.5] | MU | C=A-B1 | 1382.59 |
| 4 | Units delivered to system from generation at EHV | MU | C1=C-D-C2 | 1357.21 |
| 5 | Units delivered to system from generation at HV | MU | D | 25.38 |
| 6 | Quantum of Infirm power included in 3 | MU | C2 | 0.00 |
| 7 | Energy Purchased at EHV | MU | E | 34975.00 |
| 8 | Power Drawn under UI Mode | MU | F | 0.00 |
| 9 | Energy Received for Wheeling at 132 KV | MU | G | 0.00 |
| 10 | Less: CTU Loss | MU | H | 282.65 |
| 11 | Overall Gross Energy Input to WBSETCL System | MU | I=C1+E+F+G-H | 36049.57 |
| 12 | WBSETCL Loss | % | J | 3.40% |
| 13 | WBSETCL Loss in MU | MU | K=I*J/100 | 1225.69 |
| 14 | Net Energy available from WBSETCL System | MU | L=I-K | 34823.88 |
| 15 | Energy sold to person other than consumer and licensee at EHV | MU | M | 3542.17 |
| 16 | Energy sold to licensee at EHV and Sale to Sikkim | MU | N | 247.00 |
| 17 | Additional units allowed by Commission for sale to other licensees | MU | O | 8.69 |
| 18 | Units sold/ used for pumping energy of Pumped Storage Project | MU | P | 1119.00 |
| 19 | Trans. Loss for pumping energy | MU | Q | 39.39 |
| 20 | SWAP OUT | MU | | |
| 21 | UI OUT | MU | R | |
| 22 | Total Energy goes out from WBSETCL System at EHV | MU | S=M+N+O+P+Q+R | 4956.24 |
| 23 | Net Energy available from WBSETCL System to WBSEDCL | MU | T=L-S | 29867.64 |
| 24 | Own sent Out at 33 KV and below | MU | U=C2 | 25.38 |
| 25 | Energy purchased by WBSEDCL at 33 KV & below | MU | V | 389.18 |
| 26 | Energy Received for Wheeling at 33 KV [Form 1.9a] | MU | W | 17.00 |
| 27 | Total Energy available to WBSEDCL system | MU | X=T+U+V+W | 30299.19 |
| | Energy Utilization [Form 1.7] | | | |
| 28 | Units sold to consumers | MU | Y | 24500.00 |
| 29 | Energy sold to licensee below EHV level [Form 1.9b] | MU | Z | 431.30 |
| 30 | Units wheeled [Form 1.9c] | MU | AA | 15.64 |
| 31 | Additional units allowed for wheeling | MU | AB | 1.36 |
| 32 | Units utilized in own premises including construction power | MU | AC | 50.00 |
| 33 | Unutilized Units | MU | AD | 5300.89 |
| 34 | Total Energy | MU | sum(Y:AD) | 30299.19 |
| 35 | Dist Loss in percentage | | | 17.50% |



ANNEXURE – 2B
SUMMARISED STATEMENT OF AGGREGATE REVENUE
REQUIREMENT OF WBSEDCL FOR 2016 – 2017

| Sl No | ITEM | ARR FOR 2016 – 2017 (Rs. in lakh) | | |
|-------|--|-----------------------------------|-------------------|-------------------|
| | | ADMITTED | | |
| | | Generation | Distribution | Total |
| 1 | Generation charge(fuel) | 0.00 | 0.00 | 0.00 |
| 2 | Power Purchase Cost | 0.00 | 1210197.60 | 1210197.60 |
| 3 | Transmission charges payable to WBSETCL | 0.00 | 117845.19 | 117845.19 |
| 4 | CTU Charges | 0.00 | 50963.00 | 50963.00 |
| 5 | ERPC Charges | 0.00 | 15.00 | 15.00 |
| 6 | System operation charges payable to POSOCO | 0.00 | 410.00 | 410.00 |
| 7 | SLDC charges | 0.00 | 2619.00 | 2619.00 |
| 8 | Salary & wages including other staff welfare benefits | 3736.00 | 102518.81 | 106254.81 |
| 9 | Terminal benefits | 1508.53 | 41395.43 | 42903.96 |
| 10 | Cost of Outsourcing excluding manpower and vehicle hiring) | 0.00 | 11985.00 | 11985.00 |
| 11 | Cost of Outsourcing for manpower and vehicle hiring | 0.00 | 21090.00 | 21090.00 |
| 12 | Rates & taxes | 0.00 | 1484.00 | 1484.00 |
| 13 | Operation and Maintenance | 4707.65 | 48886.00 | 53593.65 |
| 14 | Complaint Management Mechanism | 0.00 | 407.00 | 407.00 |
| 15 | Insurance | 0.00 | 832.00 | 832.00 |
| 16 | Depreciation | 11501.00 | 57541.00 | 69042.00 |
| 17 | Interest on loan | 21264.60 | 55015.31 | 76279.91 |
| 18 | Other finance charges | 54.75 | 731.36 | 786.11 |
| 19 | Interest on bond for pension fund | 1536.00 | 11469.00 | 13005.00 |
| 20 | Lease Rental Charges for MPLS-VPN service | 0.00 | 3153.00 | 3153.00 |
| 21 | Bad Debts | 0.00 | 0.00 | 0.00 |
| 22 | Minimum Alternate Tax | 0.00 | 996.92 | 996.92 |
| 23 | Interest on Consumers' Security Deposit | 0.00 | 8845.00 | 8845.00 |
| 24 | Reserve for unforeseen exigencies | 0.00 | 0.00 | 0.00 |
| 25 | Interest on Working Capital | 0.00 | 0.00 | 0.00 |
| 26 | Return on equity | 0.00 | 37236.21 | 37236.21 |
| 27 | Gross Aggregate revenue requirement | 44308.53 | 1785635.83 | 1829944.36 |
| 28 | Less income from non-tariff sources | 0.00 | 37035.86 | 37035.86 |
| 29 | Less interest credit | 653.58 | 3269.94 | 3923.52 |
| 30 | Less: Recovery of expenses attributable for sale of energy to persons other than consumers & licensees | 0.00 | 121216.60 | 121216.60 |
| 31 | Net aggregate revenue requirement | 43654.95 | 1624113.43 | 1667768.38 |



CHAPTER – 3 TARIFF ORDER FOR 2016-17

- 3.1 In the previous chapter, the Commission has determined for WBSEDCL the revenue recoverable through tariff during 2016 – 2017 and the average tariff for the consumers of WBSEDCL for 2016 – 2017 as well. The Commission now proceeds to determine the tariff schedule applicable to the consumers of WBSEDCL and also the associated conditions of tariff of WBSEDCL for 2016 – 2017. The Commission is passing other orders also as mentioned in subsequent paragraphs.
- 3.2 WBSEDCL proposed a tariff structure in their MYT application for all the three ensuing years 2014 – 2015, 2015 – 2016 and 2016 – 2017 based on their projected ARR but without taking into cross-subsidy related objective under the guiding factors of tariff determination as specified in paragraph (vii) of regulation 2.2.1 of the Tariff Regulations. The Commission has redesigned the tariff structure to meet the revenue recoverable through tariff during 2016 – 2017 based on the following principles:
- i) None of the class of consumers based on purpose of supply has been charged with a tariff in order to see that the average tariff for that category of consumers remains within 120% of the average cost of supply (689.32 paise / kWh as in paragraph 2.18 of this order).
 - ii) Considering the difference in service quality for rural and urban area as per Standard of Performance Regulations and in line with the opinion of the Commission in paragraph 3.3.3 of the tariff order dated 04.03.2015, the Commission continues to keep separate tariff rate for certain categories of consumers under L&MV class in the tariff order of this year in line with the past trend. The above separate tariff also helps in



सत्यमेव जयते



Tariff order of WBSEDCL for the year 2016 – 2017

achieving the objective of the previous point of maintaining average tariff of any class of consumers at a price so that it does not exceed 120% of the average cost of supply.

- iii) At the same time, the Commission in line with paragraph 8.3 (i) of National Tariff Policy has reduced the suggested tariff of WBSEDCL suitably for lifeline consumer.
- iv) In order to avoid tariff shock as per paragraph 5.5.3 of National Electricity Policy, the Commission has also kept the average tariff for irrigation is below 80% of the average cost of supply.
- v) For the category of consumers whose average tariff is more than 100% of the average cost of supply in the tariff order of 2015 – 2016, the tariff has been fixed in a way that in this tariff order of 2016 – 2017 the percentage ratio of average tariff of such category of consumers to average cost of supply in 2016 – 2017 tariff order has been slightly reduced than that of 2015 – 2016.
- vi) After maintaining the above principles only the Commission has tried to follow the approach of WBSEDCL in their tariff design on remaining class of consumers other than those as mentioned above to the extent it is considered appropriate by the Commission.

Accordingly the tariff schedule applicable to the consumers of WBSEDCL in 2016-17 and the associated terms and conditions are as follows:



Tariff order of WBSEDCL for the year 2016 – 2017

Consumers belonging to Labour Line, Life Line consumers, Domestic (Rural) and Domestic (Urban) category will fall under L&MV Domestic consumers (below 50KVA). Commercial (Rural), Commercial (Urban) and consumers covered under Rates A (Cm-II), A (Cm-III) and A (Cm)-CP will fall under L&MV Commercial consumers (below 50 KVA).

The tariff schedule as applicable to the consumers of WBSEDCL in the year 2016 – 2017 is given at Annexure – 3A1 for LV and MV consumers under quarterly billing cycle, at Annexure – 3A2 for LV and MV consumers under monthly billing cycle and at Annexure – 3A3 for HV and EHV consumers. The Commission has decided to give certain directives to WBSEDCL on various matters. These are to be found at Chapter – 4. Except rate B-IDI, B-IDIT, B-IDC, B-IDCT, C-ID, C-IDT, D-ID and D-IDT, all the rates under L&MV category are applicable for the supply below 50 KVA. 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 to the Tariff Regulations. Other associated conditions of tariff of WBSEDCL for 2016 – 2017 shall be as follows:

3.2.1 Load Factor Rebate/ Surcharge:

3.2.1.1 In order to reduce the overall system T&D loss and to flatten the load curve by improving the existing system load factor of WBSEDCL, the voltage-wise graded load factor rebate applicable for the EHV and HV industrial consumers and L&MV industrial consumer under rate (B-IDI and B-IDIT) will be as per the following table:



LOAD FACTOR REBATE (Paise / kWh)

| For the Year 2016-17 | | | | |
|---------------------------|-----------|----------------|-------|-------------|
| Range of Load Factor (LF) | | Supply Voltage | | |
| | | Below 33 kV | 33 kV | Above 33 kV |
| Above 55% | Up to 60% | 1 | 2 | 3 |
| Above 60% | Up to 65% | 7 | 8 | 9 |
| Above 65% | Up to 70% | 14 | 29 | 39 |
| Above 70% | Up to 75% | 20 | 35 | 45 |
| Above 75% | Up to 80% | 25 | 40 | 50 |
| Above 80% | Up to 85% | 30 | 45 | 55 |
| Above 85% | Up to 90% | 35 | 50 | 60 |
| Above 90% | Up to 92% | 40 | 55 | 65 |
| Above 92% | Up to 95% | 45 | 60 | 70 |
| Above 95% | | 50 | 65 | 75 |

The above load factor rebate shall be applicable on total quantum of energy consumed in the billing period. (For example a 33 kV industrial consumer at 85% load factor shall be eligible for a rebate @ 45 paise / kWh on the total quantum of energy consumed in the billing period).

3.2.1.2 Industrial consumer whose contract demand is 1.5 MVA or above will get additional rebate as per following table subject to the condition that payment is made within the due date.

| Additional Load Factor Rebate(paise/kWh) | |
|--|---------|
| Load Factor | 2016-17 |
| Above 65% but upto 80% | 20 |
| Above 80% | 35 |

3.2.1.3 Load factor surcharge shall continue at the prevailing rate for those categories of consumers to whom these are applicable at present including the L&MV industrial consumer under rate (B-IDI, B-IDIT, B-IDC and B-IDCT).

3.2.1.4 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



सत्यमेव जयते



Tariff order of WBSEDCL for the year 2016 – 2017

3.9.4 of the Tariff Regulations and at the rates mentioned in paragraphs 3.2.1.1 to 3.2.1.3 above

3.2.2 Fixed / Demand Charge:

- i) The fixed charge shall be applicable to different categories of consumers at the rates as shown in Annexure 3A1 and Annexure 3A2 of this tariff order.
- ii) The demand charge shall be applicable to different categories of consumers as per rates shown in Annexure 3A2 and Annexure 3A3 to this order on the basis of recorded demand as specified in regulation 4.3.3 of the Tariff Regulations subject to the conditions as specified in the Tariff Regulations.
- iii) 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.

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

3.2.4 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 prospectively from the date of this order if the entire illumination is done with LED.

3.2.5 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.

3.2.6 A special rebate of 25 paise/kWh for 2016-17 on energy charge shall be given to the cold storage or dairy with chilling plant having contractual load between



सत्यमेव जयते



Tariff order of WBSEDCL for the year 2016 – 2017

50 KVA and 125 KVA under C-ID and C-IDT tariff category. This rebate shall be given before giving effect to the rebate mentioned in paragraph 3.2.5.

- 3.2.7 In order to encourage one time payment for three months bill a special rebate of 10 paise per unit for 2016 – 2017 on energy charge shall be given to the domestic and commercial consumers under LV and MV categories covered by quarterly billing cycle under normal or normal-TOD tariff scheme if the payment is made for the quarter at a time within the due date stipulated for the first month of the quarter. This rebate shall be in addition to rebate under paragraph 3.2.5 for normal meter or normal TOD meter and will be given effect after giving effect to the rebate under paragraph 3.2.5.
- 3.2.8 In addition to the rebate under paragraphs 3.2.4, 3.2.5, 3.2.6 and 3.2.7 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). A rebate of Rs. 5.00 will be admissible 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 to the rebate under paragraphs 3.2.4, 3.2.5, 3.2.6 and 3.2.7.
- 3.2.9 The additional 1% rebate as mentioned in paragraph 3.2.8 above shall also be admissible if the payment of energy bill is made within the due date through valued card wallet system or USSD or Instapay of Banks or online payment through any mobile software application. However, this is effective from 1st August, 2016. This rebate shall be given after giving effect to rebate mentioned in paragraphs 3.2.4, 3.2.5, 3.2.6 and 3.2.7 above.



Tariff order of WBSEDCL for the year 2016 – 2017

3.2.10 Power Factor Rebate/ Surcharge:

3.2.10.1 The power factor rebate and surcharge shall continue for all categories of consumers under HV & EHV including the consumers under rates T(A), T(B) and T(M) and also for L&MV industrial consumers under rate B-IDI and B-IDIT to whom those are already applicable at present. The power factor rebate and surcharge shall also be applicable to the consumers under rates B-IDC, B-IDCT, D-ID, D-IDT, C-ID and C-IDT, to whom the same are not applicable at present, from the consumption month of January, 2017. The rate of rebate and surcharge and the methods of calculation of such rebate and surcharge for the year 2016-17 are given below:

| Power Factor (PF) Range | Power Factor Rebate & Surcharge on Energy Charge in Percentage for the year 2016-17 | | | | | | | |
|----------------------------------|---|----------------|-----------------------------------|----------------|---------------------------------------|----------------|------------------------------------|----------------|
| | 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 |
| PF ≥ 0.86 & PF ≤ 0.92 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| PF ≥ 0.85 & PF < 0.86 | 0.00 | 1.00 | 0.00 | 1.25 | 0.00 | 0.75 | 0.00 | 0.75 |
| PF ≥ 0.84 & PF < 0.85 | 0.00 | 2.00 | 0.00 | 2.50 | 0.00 | 1.50 | 0.00 | 1.50 |
| PF ≥ 0.83 & PF < 0.84 | 0.00 | 2.50 | 0.00 | 3.25 | 0.00 | 1.75 | 0.00 | 1.75 |
| 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 |



सत्यमेव जयते



Tariff order of WBSEDCL for the year 2016 – 2017

- 3.2.10.2. The rebate and surcharge against different time periods shall be reflected in the bill separately and shall be treated separately.
- 3.2.10.3. The rates of rebate and surcharge against different time period and the applicable class of consumers as mentioned in paragraph 3.2.10.1 shall be applicable from the month of April, 2016.
- 3.2.11 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.
- 3.2.12 Delayed payment surcharge shall be applicable as per regulation 4.14 of the Tariff Regulations.
- 3.2.13 All existing charges relating to meter rent, meter testing, meter replacement, fuse call charges, disconnection and reconnection etc. shall continue.
- 3.2.14 A consumer opting for pre-paid meter shall not be required to make any security deposit.
- 3.2.15 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 as determined under this tariff order.
- 3.2.16 All the rates and conditions of tariff are effective from 1st April 2016 and onwards. This rate will continue till further order of the Commission. The rates mentioned in Annexure 3A1, 3A2 and 3A3 to this order exclude the Monthly Variable Cost Adjustment (MVCA), if any, realized / to be realized by WBSEDCL.
- 3.2.17 Adjustments, if any, for over recovery / under recovery for 2016-17 from the energy recipients shall be made in 15 (fifteen) equal monthly installments



सत्यमेव जयते



Tariff order of WBSEDCL for the year 2016 – 2017

through energy bills raised for the consumption month of November, 2016 and onwards. The MVCA realized by WBSEDCL during the year 2016 – 2017 shall not be considered for adjustment in computation of over recovery / under recovery for the year 2016 – 2017 as mentioned above.

- 3.2.18 In addition to the tariff determined under this tariff order, WBSEDCL would further be entitled to realize additional sums towards enhanced cost of fuel and power purchase, if any, after the date from which this tariff order takes effect. Thus WBSEDCL shall be entitled to realize MVCA for any subsequent period after the date of effect of this order as per provisions of the Tariff Regulations based on the tariff of this order. While computing MVCA the direction in paragraph 4.2 of the order dated 10.08.2015 shall be complied with.
- 3.2.19 For any pre-paid and TOD tariff scheme, other charges shall be the charges applicable to the consumers under respective category of non-TOD tariff.
- 3.2.20 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:
- a) provision of requisite meter security deposit to be kept with licensee,
 - b) provision of space for installing weather-proof, safe and secure terminal services apparatus to protect sophisticated meter; and
 - c) availability of prepaid-meter of appropriate capacity.
- 3.2.21 To avail the rate for street lighting with LED [Rate D (2)], the supply should be metered and all the street lights under the same meter shall be illuminated



सत्यमेव जयते



Tariff order of WBSEDCL for the year 2016 – 2017

with LED. For mixed type of street lights under single meter the rate D(1) shall be applicable.

3.2.22 For a consumer with prepaid meter who has purchased voucher prior to the date of issue of this order, the existing voucher will continue till such voucher is exhausted.

3.2.23 As a part of demand side management to encourage the 33 kV and 132 kV industrial consumers having monthly consumption above 1.0 MU, to reduce their drawal of load in peak period and to shift the load to off-peak period the following rebates shall be allowed:

(a) a rebate equivalent to the difference of the following two will be allowed:

- i) Demand charge calculated as per regulation 4.3.6 of the Tariff Regulations; and
- ii) Demand charge computed based on the maximum demand of normal period or maximum demand of peak period or contract demand in case of off-peak period or 85% of contract demand whichever is higher, if those industries keep their maximum demand during off-peak period within 130% of contract demand.

(b) Similarly for the above consumers keeping their maximum demand during off-peak period within 130% of contract demand, a rebate equivalent to the difference of the following two will also be allowed.

- i) Additional demand charge calculated as per regulation 4.7.2 of Tariff Regulations; and



सत्यमेव जयते



Tariff order of WBSEDCL for the year 2016 – 2017

- ii) Demand charge computed based on the methodology for additional demand charge for the normal and peak period will be as per regulation 4.7.2 of Tariff Regulations but there will be no additional demand charge applicable for off-peak period.
- (c) Similarly for the above consumers, keeping their maximum demand during off-peak period within 130% of contract demand, a rebate equivalent to the difference of the following two will also be allowed:
 - i) Load factor rebate computed as per the rates mentioned in paragraphs 3.2.1.1 and 3.2.1.2 following the methodology mentioned in paragraph 3.2.1.4 of this order without considering the additional kWh and KVA drawn during off-peak period over contractual demand; and
 - ii) Load factor rebate computed as per the rates mentioned in paragraphs 3.2.1.1 and 3.2.1.2 following the methodology mentioned in paragraph 3.2.1.4 of this order.

All the above rebates are effective from the month of April, 2016 subject to the condition that payment is made within the due date.

- 3.2.24 No other rebate shall be applicable except which are specifically mentioned under this order or in any regulation(s).
- 3.2.25 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.
- 3.2.26 A new rate 'E (C-M)' for the consumer category of Military Engineering Service (MES) in High and Extra High Voltage has been introduced. The rate 'E (C-M)' shall be applicable to the said consumer category alongwith existing applicable rebate and surcharges prospectively from the date



सत्यमेव जयते



Tariff order of WBSEDCL for the year 2016 – 2017

of commencement of first billing month of the respective consumer after the date of issue of this order.

3.3 The Special Secretary to the Government of West Bengal, Department of Power and Non Conventional Energy Sources has issued a letter dated 05.10.2016 communicating the direction under section 108 of the Electricity Act, 2003 regarding the decision of the State Government to give subsidy to the following group of consumers in terms of section 65 of the Electricity Act, 2003.

- a) Domestic (rural), Domestic (urban) including lifeline domestic consumers having monthly consumption upto 300 units;
- b) Agriculture (Irrigation) consumers having monthly consumption upto 300 units.

It is also stated in the aforesaid letter dated 05.10.2016 that:

- i) No subsidy shall be extended to the consumers under other tariff category.
- ii) The subsidy amount will be applicable on the difference between the determined tariff rate as per tariff structure for 2016-17 and the present rate as per tariff structure including government subsidy, as applicable for 2015-16.
- iii) The subsidy, as mentioned above will be effective from 01.04.2016 on tariff determined for 2016-17.
- iv) The State Government has also decided that resultant shortfall in revenue realization of WBSEDCL due to above decision shall be compensated upfront to WBSEDCL in terms of Regulations framed under section 65 of the Electricity Act, 2003.



Tariff order of WBSEDCL for the year 2016 – 2017

- v) This has concurrence of the Finance Department vide their U.O note dated 21.07.2016.
- vi) The Commission may issue appropriate order as per the above directives of the State Government.
- 3.4 WBSEDCL is directed to comply with the above directives of the State Government. WBSEDCL shall ensure the availability of fund from the State Government before giving subsidy to any proposed group of consumers as per provision of the Act and regulations made thereunder.
- WBSEDCL shall clearly indicate in the consumer/consumer's bill (a) the amount payable in terms of the tariff determined by the Commission for the year 2016-2017 (b) the amount of the state government subsidy and (c) the net amount payable as per provisions of the Tariff Regulations.
- 3.5 WBSEDCL shall present to the Commission a gist of this order in accordance with regulation 2.9.6 of the Tariff Regulation 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 the aforesaid regulation 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 | Quarterly 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 | Quarterly consumption in KWH | Energy Charge P/kWh | Fixed Charge/ Demand Charge * in Rs/KVA/mon | Consumer category | Name of the Tariff Scheme | Quarterly consumption in KWH | Energy Charge P/kWh | Fixed Charge/ Demand Charge * in Rs/KVA/mon | | | |
| 1. | Life Line (Domestic) | Rate A(DM-LL) | Normal | 0 to 75 | 356 | 5 | NOT APPLICABLE | | | | | NOT APPLICABLE | | | | | | | |
| 2. | Domestic (Rural) | Rate A(DM-R) | Normal | First | 102 | 526 | 15 | Rate A(DM-R)PP | Prepaid | All units | 664 | 15 | NOT APPLICABLE | | | | | | |
| | | | | Next | 78 | 586 | | | | | | | | | | | | | |
| | | | | Next | 120 | 673 | | | | | | | | | | | | | |
| | | | | Next | 300 | 723 | | | | | | | | | | | | | |
| | | | | Above | 900 | 899 | | | | | | | | | | | | | |
| 3. | Domestic (Urban) | Rate A(DM-U) | Normal | First | 102 | 530 | 15 | Rate A(DM-U)PP | Prepaid | All units | 664 | 15 | NOT APPLICABLE | | | | | | |
| | | | | Next | 78 | 597 | | | | | | | | | | | | | |
| | | | | Next | 120 | 697 | | | | | | | | | | | | | |
| | | | | Next | 300 | 731 | | | | | | | | | | | | | |
| | | | | Above | 900 | 899 | | | | | | | | | | | | | |
| 4. | Commercial (Rural) | Rate A(CM-R) | Normal | First | 180 | 617 | 30 | Rate A(CM-R)T | Normal - TOD | 06.00 hrs to 17.00 hrs | All units | 774 | 30 | Rate A(Cm-R)tpp | Prepaid - TOD | 06.00 hrs to 17.00 hrs | All units | 764 | 30 |
| | | | | Next | 120 | 737 | | | | 17.00 hrs to 23.00 hrs. | All units | 928 | | | | 17.00 hrs to 23.00 hrs. | All units | 926 | |
| | | | | Next | 150 | 802 | | | | 23.00 hrs to 06.00 hrs. | All units | 658 | | | | 23.00 hrs to 06.00 hrs. | All units | 652 | |
| | | | | Next | 450 | 845 | | | | | | | | | | | | | |
| | | | | Above | 900 | 894 | | | | | | | | | | | | | |
| 5. | Commercial (Urban) | Rate A(CM-U) | Normal | First | 180 | 619 | 30 | Rate A(Cm-U)T | Normal - TOD | 06.00 hrs to 17.00 hrs | All units | 774 | 30 | Rate A(Cm-U)tpp | Prepaid - TOD | 06.00 hrs to 17.00 hrs | All units | 764 | 30 |
| | | | | Next | 120 | 739 | | | | 17.00 hrs to 23.00 hrs. | All units | 928 | | | | 17.00 hrs to 23.00 hrs. | All units | 926 | |
| | | | | Next | 150 | 802 | | | | 23.00 hrs to 06.00 hrs. | All units | 658 | | | | 23.00 hrs to 06.00 hrs. | All units | 652 | |
| | | | | Next | 450 | 845 | | | | | | | | | | | | | |
| | | | | Above | 900 | 894 | | | | | | | | | | | | | |



LOW AND MEDIUM VOLTAGE CONSUMERS

| Sl No | Type of Consumer | Applicable Tariff Scheme | | | | | Optional tariff Scheme | | | | | | | | | | |
|-------|---|--------------------------|---------------------------|------------------------------|---------------------|--|----------------------------|---------------------------|------------------------------|-------------------------|---|-----------------------------|---------------------------|--|---------------------|---|----|
| | | Consumer category | Name of the Tariff Scheme | Quarterly 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 | Quarterly consumption in KWH | Energy Charge P/kWh | Fixed Charge/ Demand Charge * in Rs/KVA/mon | Consumer category | Name of the Tariff Scheme | Quarterly consumption in KWH | Energy Charge P/kWh | Fixed Charge/ Demand Charge * in Rs/KVA/mon | |
| 6. | Public utility/ Specified Institution Public Bodies | Rate A(CM-PU) (MUN) | Normal | On all Units | 693 | 75 | Rate A(CM-PU) (MUN) PP | Prepaid | On all Units | 683 | 75 | Rate A(Cm-PU) (Mun) ppt | Prepaid - TOD | 06.00 hrs. – 17.00 hrs. & 20.00 hrs - 23.00 hrs. | On all units | 663 | 75 |
| | 17.00 hrs to 20.00 hrs. | | | | | | | | | | | | | On all units | 725 | | |
| | In Municipal Area | | | | | | | | | | | | | 23.00 hrs to 06.00 hrs | On all units | 620 | |
| 7. | Public utility/ Specified Institution Public Bodies | Rate A(CM-PU) (NON-MUN) | Normal | On all Units | 693 | 75 | Rate A(CM-PU) (NON-MUN) PP | Prepaid | On all Units | 683 | 75 | Rate A(Cm-PU) (Non-Mun) ppt | Prepaid - TOD | 06.00 hrs. – 17.00 hrs. & 20.00 hrs - 23.00 hrs. | On all units | 663 | 75 |
| | 17.00 hrs to 20.00 hrs. | | | | | | | | | | | | | On all units | 725 | | |
| | In Non Municipal Area | | | | | | | | | | | | | 23.00 hrs to 06.00 hrs | On all units | 620 | |
| 8. | Government School | Rate A(CM-I) | Normal | On all Units | 477 | 25 | | | | | | | | NOT APPLICABLE | | | |
| 9. | Cottage Industry / Artisan / Weavers / Small production oriented establishment not run by electricity as motive power | Rate A(CM-II) | Normal | First | 300 | 599 | 17 | Rate A(CM-II) PPT | Prepaid - TOD | 06.00 hrs to 17.00 hrs | All units | 669 | 17 | NOT APPLICABLE | | | |
| | | | | Next | 300 | 742 | | | | 17.00 hrs to 23.00 hrs. | All units | 731 | | | | | |
| | | | | above | 600 | 776 | | | | 23.00 hrs to 06.00 hrs. | All units | 626 | | | | | |
| 10. | Poultry, Duckery, Horticulture, Tissue culture, Floriculture, Herbal – Medicinal – Bio-diesel Plant Farming, Food Processing Unit | Rate A(CM-III) | Normal | On all Units | 786 | 17 | Rate A(CM-III) PPT | Prepaid - TOD | 06.00 hrs to 17.00 hrs | All units | 766 | 17 | NOT APPLICABLE | | | | |
| | | | | | | | | | 17.00 hrs to 23.00 hrs. | All units | 837 | | | | | | |
| | | | | | | | | | 23.00 hrs to 06.00 hrs. | All units | 717 | | | | | | |



LOW AND MEDIUM VOLTAGE CONSUMERS



| SI 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. | Labour Line (Domestic) | Rate A(DM-L) | Normal | All units | | 616 | 15 | NOT APPLICABLE | | | | | NOT APPLICABLE | | | | | |
| 2. | Irrigation pumping for Agriculture (Metered) | Rate C(T) | Normal TOD | 06.00 hrs to 17.00 hrs | All units | 378 | 20 | Rate C(t)ppt | Prepaid - TOD | 06.00 hrs to 17.00 hrs | All units | 368 | 20 | NOT APPLICABLE | | | | |
| | | 17.00 hrs to 23.00 hrs. | | All units | 748 | 17.00 hrs to 23.00 hrs. | | | | All units | 688 | | | | | | | |
| | | 23.00 hrs to 06.00 hrs | | All units | 242 | 23.00 hrs to 06.00 hrs | | | | All units | 279 | | | | | | | |
| 3. | Irrigation pumping for Agriculture (Metered supply from mixed HV feeder) | Rate C(A) | Normal | All units | | 475 | 30 | 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 | | |
| 5. | Commercial Plantation | Rate A(CM) - CP | Prepaid- TOD | 06.00 hrs to 17.00 hrs | All units | 720 | 75 | NOT APPLICABLE | | | | | NOT APPLICABLE | | | | |
| | | | | 17.00 hrs to 23.00 hrs. | All units | 875 | | | | | | | | | | | |
| | | | | 23.00 hrs to 06.00 hrs | All units | 681 | | | | | | | | | | | |
| 6. | Short Term Irrigation Supply | Rate C(T) - STIS | Prepaid- TOD | 06.00 hrs to 17.00 hrs | All units | 447 | 20 | NOT APPLICABLE | | | | | NOT APPLICABLE | | | | |
| | | | | 17.00 hrs to 23.00 hrs. | All units | 825 | | | | | | | | | | | |
| | | | | 23.00 hrs to 06.00 hrs | All units | 279 | | | | | | | | | | | |
| 7. | Short Term supply for Commercial Plantation | Rate A(CM)-STCP | Prepaid- TOD | 06.00 hrs to 17.00 hrs | All units | 720 | 75 | NOT APPLICABLE | | | | | NOT APPLICABLE | | | | |
| | | | | 17.00 hrs to 23.00 hrs. | All units | 923 | | | | | | | | | | | |
| | | | | 23.00 hrs to 06.00 hrs | All units | 679 | | | | | | | | | | | |
| 8. | Short-term Supply | Rate A(ST) | Prepaid - TOD | 06.00 hrs to 17.00 hrs | All units | 758 | 75 | NOT APPLICABLE | | | | | NOT APPLICABLE | | | | |
| | | | | 17.00 hrs to 23.00 hrs. | All units | 826 | | | | | | | | | | | |
| | | | | 23.00 hrs to 06.00 hrs | All units | 715 | | | | | | | | | | | |



LOW AND MEDIUM VOLTAGE CONSUMERS



| SI 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 | | |
| 9. | Public Water Works & Sewerage System | Rate B (II) | Normal | On all Units | 712 | 40 | Rate B(II) tpp | Prepaid - TOD | 06.00 hrs. - 17.00 hrs. & 20.00 hrs - 23.00 hrs. | All Units | 698 | 40 | NOT APPLICABLE | | | | | |
| | | | | | | | | | 17.00 hrs to 20.00 hrs. | All Units | 1047 | | | | | | | |
| | | | | | | | | | 23.00 hrs to 06.00 hrs | All Units | 482 | | | | | | | |
| 10. | Industry (Rural) | Rate B(I-R) | Normal | First | 500 | 604 | 50 | Rate B(I-R) t | Normal - TOD | 06.00 hrs to 17.00 hrs | All Units | 663 | 50 | NOT APPLICABLE | | | | |
| | | | | Next | 1500 | 724 | | | | 17.00 hrs to 23.00 hrs | All Units | 798 | | | | | | |
| | | | | Above | 2000 | 749 | | | | 23.00 hrs to 06.00 hrs | All Units | 495 | | | | | | |
| 11. | Industry (Urban) | Rate B(I-U) | Normal | First | 500 | 620 | 50 | Rate B(I-U) t | Normal - TOD | 06.00 hrs to 17.00 hrs | All Units | 677 | 50 | NOT APPLICABLE | | | | |
| | | | | Next | 1500 | 745 | | | | 17.00 hrs to 23.00 hrs | All Units | 814 | | | | | | |
| | | | | Above | 2000 | 775 | | | | 23.00 hrs to 06.00 hrs | All Units | 505 | | | | | | |
| 12. | Street Lighting | Rate D(1) | Normal | On all Units | 664 | 75 | NOT APPLICABLE | | | | | NOT APPLICABLE | | | | | | |
| 13. | Street Lighting with LED | Rate D(2) | Normal | On all Units | 480 | 75 | 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 | |
| 14. | Private Educational Institutions and Hospitals | Rate D(4) | Normal | On all Units | 708 | 75 | Rate D(4) t | Normal - TOD | 06.00 hrs to 17.00 hrs | On all Units | 688 | 75 | NOT APPLICABLE | | | | |
| | | | | | | | | | 17.00 hrs to 20.00 hrs | On all Units | 751 | | | | | | |
| | | | | | | | | | 23.00 hrs to 06.00 hrs | On all Units | 643 | | | | | | |
| 15. | Emergency Supply | Rate D(5) | Prepaid- TOD | 06.00 hrs to 17.00 hrs | On all Units | 772 | 75 | NOT APPLICABLE | | | | | NOT APPLICABLE | | | | |
| | | | | 17.00 hrs to 23.00 hrs | On all Units | 933 | | | | | | | | | | | |
| | | | | 23.00 hrs to 06.00 hrs | On all Units | 732 | | | | | | | | | | | |
| 16. | Construction Power Supply | Rate D(6) | Prepaid-TOD | 06.00 hrs. - 17.00 hrs. & 20.00 hrs to 23.00 hrs | On all Units | 772 | 75 | NOT APPLICABLE | | | | | NOT APPLICABLE | | | | |
| | | | | 17.00 hrs to 20.00 hrs. | On all Units | 933 | | | | | | | | | | | |
| | | | | 23.00 hrs to 06.00 hrs | On all Units | 732 | | | | | | | | | | | |



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 | |
| 17. | Bulk Supply at single point to Co-operative Group Housing Society for providing power to its members or person for providing power to its employees in a single premises | Rate D(7) | Normal | All units | 698 | 75 | Rate D(7)t | Normal - TOD | 06.00 hrs to 17.00 hrs | On all Units | 688 | 75 | NOT APPLICABLE | | | | |
| | | | | | | | | | 17.00 hrs to 23.00 hrs | On all Units | 751 | | | | | | |
| | | | | | | | | | 23.00 hrs to 06.00 hrs | On all Units | 632 | | | | | | |
| 18. | Common Services of Industrial Estate | Rate D(8) | Prepaid - TOD | 06.00 hrs. - 17.00 hrs. & 20.00 hrs to 23.00 hrs | On all Units | 772 | 75 | NOT APPLICABLE | | | | | NOT APPLICABLE | | | | |
| | | | | 17.00 hrs to 20.00 hrs. | On all Units | 933 | | | | | | | | | | | |
| | | | | 23.00 hrs to 06.00 hrs | On all Units | 732 | | | | | | | | | | | |
| 19. | Industrial consumers (50 KVA and above but upto 125 KVA) | Rate B- IDI | Normal | All units | 693 | 255 | Rate B- IDIT | Normal TOD | 06.00 hrs. - 17.00 hrs. | On all Units | 684 | 255 | NOT APPLICABLE | | | | |
| | | | | | | | | | 17.00 hrs to 23.00 hrs. | On all Units | 821 | | | | | | |
| | | | | | | | | | 23.00 hrs to 06.00 hrs | On all Units | 513 | | | | | | |
| 20. | Commercial consumers (50 KVA and above but upto 125 KVA) | Rate B- IDC | Normal | All units | 712 | 255 | Rate B- IDCT | Normal TOD | 06.00 hrs. - 17.00 hrs. | On all Units | 704 | 255 | NOT APPLICABLE | | | | |
| | | | | | | | | | 17.00 hrs to 23.00 hrs. | On all Units | 985 | | | | | | |
| | | | | | | | | | 23.00 hrs to 06.00 hrs | On all Units | 464 | | | | | | |
| 21. | Domestic consumers (50 KVA and above but upto 125 KVA) | Rate D- ID | Normal | All units | 684 | 35 | Rate D- IDT | Normal TOD | 06.00 hrs. - 17.00 hrs. | On all Units | 664 | 35 | NOT APPLICABLE | | | | |
| | | | | | | | | | 17.00 hrs to 23.00 hrs. | On all Units | 930 | | | | | | |
| | | | | | | | | | 23.00 hrs to 06.00 hrs | On all Units | 439 | | | | | | |
| 22. | Other than Industrial ,Commercial and Domestic consumers (50 KVA and above but upto 125 KVA) | Rate C- ID | Normal | All units | 623 | 255 | Rate C- IDT | Normal TOD | 06.00 hrs. - 17.00 hrs. | On all Units | 582 | 255 | NOT APPLICABLE | | | | |
| | | | | | | | | | 17.00 hrs to 23.00 hrs. | On all Units | 815 | | | | | | |
| | | | | | | | | | 23.00 hrs to 06.00 hrs | On all Units | 384 | | | | | | |

Note :- * Fixed Charge will be applicable for the Consumer having Contract Demand below 50 KVA and Demand Charge will be applicable for the consumer having Contract Demand of 50 KVA and above.
West Bengal Electricity Regulatory Commission



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 | | | | | | | P/kWh | | | | |
| | | | | | Summer | Monsoon | Winter | | | | | Summer | Monsoon | Winter | | |
| 1 | Public Utility (11 KV) | Rate E(A) | Normal | All Units | 647 | 645 | 643 | 384 | Rate E(AT) | Normal - TOD | 06.00 hrs-17.00 hrs | All Units | 628 | 626 | 624 | 384 |
| | | | | | | | | | | | & | | | | | |
| | | | | | | | | | | | 20.00 hrs-23.00 hrs | | | | | |
| | | | | | | | | | | | 17.00 hrs-20.00 hrs | | | | | |
| 2 | Public Utility (33 KV) | Rate F(A) | Normal | All Units | 637 | 635 | 633 | 384 | Rate F(AT) | Normal - TOD | 06.00 hrs-17.00 hrs | All Units | 615 | 613 | 611 | 384 |
| | | | | | | | | | | | & | | | | | |
| | | | | | | | | | | | 20.00 hrs-23.00 hrs | | | | | |
| | | | | | | | | | | | 17.00 hrs-20.00 hrs | | | | | |
| 3 | Industries (11 KV) | Rate E(B) | Normal | All Units | 720 | 719 | 718 | 384 | Rate E(BT) | Normal - TOD | 06.00 hrs-17.00 hrs | All Units | 708 | 707 | 706 | 384 |
| | | | | | | | | | | | & | | | | | |
| | | | | | | | | | | | 23.00 hrs-06.00 hrs | | | | | |
| | | | | | | | | | | | 17.00 hrs-23.00 hrs | | | | | |
| 4 | Industries (33 KV) | Rate F(B) | Normal | All Units | 717 | 715 | 713 | 384 | Rate F(bt) | Normal - TOD | 06.00 hrs-17.00 hrs | All Units | 703 | 701 | 699 | 384 |
| | | | | | | | | | | | & | | | | | |
| | | | | | | | | | | | 23.00 hrs-06.00 hrs | | | | | |
| | | | | | | | | | | | 17.00 hrs-23.00 hrs | | | | | |



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 | Consumer category | Name of the Tariff Scheme | Consumption per month in KWH | Energy Charge | | | Demand Charge |
| | | | | | P/kWh | | | | | | | P/kWh | | | |
| | | | | | Summer | Monsoon | Winter | | | | | Summer | Monsoon | Winter | |
| | | | | | | | (Rs./ KVA/ month) | | | | | | | | |
| 5 | Industries (132 KV) | Rate H(B) | Normal | All Units | 713 | 711 | 709 | 384 | Rate H(BT) | Normal - TOD | 06.00 hrs-17.00 hrs All Units | 691 | 689 | 687 | 384 |
| | | | | | | | | | | 17.00 hrs-23.00 hrs All Units | 829 | 826 | 823 | | |
| | | | | | | | | | | 23.00 hrs-06.00 hrs All Units | 518 | 516 | 515 | | |
| 6 | Industries (220KV) | Rate I(BT) | Normal - TOD | 06.00 hrs-17.00 hrs All Units | 631 | 629 | 627 | 384 | NOT APPLICABLE | | | | | | |
| | | | | 17.00 hrs-23.00 hrs All Units | 757 | 754 | 751 | | | | | | | | |
| | | | | 23.00 hrs-06.00 hrs All Units | 473 | 472 | 471 | | | | | | | | |
| 7 | Industries (400 KV) | Rate J(BT) | Normal - TOD | 06.00 hrs-17.00 hrs All Units | 611 | 609 | 607 | 384 | NOT APPLICABLE | | | | | | |
| | | | | 17.00 hrs-23.00 hrs All Units | 733 | 730 | 727 | | | | | | | | |
| | | | | 23.00 hrs-06.00 hrs All Units | 458 | 457 | 456 | | | | | | | | |
| 8 | Community Irrigation/ Irrigation | Rate S(GT) | Normal - TOD | 06.00 hrs-17.00 hrs All Units | 683 | 681 | 682 | 34 | NOT APPLICABLE | | | | | | |
| | | | | 17.00 hrs-23.00 hrs All Units | 1009 | 1006 | 1008 | | | | | | | | |
| | | | | 23.00 hrs-06.00 hrs All Units | 402 | 400 | 401 | | | | | | | | |
| 9 | Commercial Plantation | Rate S(CPT) | Normal - TOD | 06.00 hrs-17.00 hrs All Units | 743 | 741 | 739 | 384 | NOT APPLICABLE | | | | | | |
| | | | | 17.00 hrs-23.00 hrs All Units | 1025 | 1022 | 1019 | | | | | | | | |
| | | | | 23.00 hrs-06.00 hrs All Units | 509 | 508 | 507 | | | | | | | | |



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 | Consumer category | Name of the Tariff Scheme | Consumption per month in KWH | | Energy Charge | | | Demand Charge |
| | | | | | | P/kWh | | | | | | | | P/kWh | | | |
| | | | | | | Summer | Monsoon | Winter | | | | | | Summer | Monsoon | Winter | |
| | | | | | | | | (Rs./ KVA/ month) | | | | | | | | (Rs./ KVA/ month) | |
| 10 | Short Term Irrigation Supply | Rate S(GT-ST) | Normal - TOD | 06.00 hrs-17.00 hrs | All Units | 723 | 719 | 721 | 34 | NOT APPLICABLE | | | | | | | |
| | | | | 17.00 hrs-23.00 hrs | All Units | 1072 | 1066 | 1069 | | | | | | | | | |
| | | | | 23.00 hrs-06.00 hrs | All Units | 422 | 420 | 421 | | | | | | | | | |
| 11 | Short Term Supply for Commercial Plantation | Rate S(CPT-ST) | Normal - TOD | 06.00 hrs-17.00 hrs | All Units | 743 | 741 | 739 | 384 | NOT APPLICABLE | | | | | | | |
| | | | | 17.00 hrs-23.00 hrs | All Units | 1025 | 1022 | 1019 | | | | | | | | | |
| | | | | 23.00 hrs-06.00 hrs | All Units | 509 | 508 | 507 | | | | | | | | | |
| 12 | Commercial (11 KV) | Rate E(C) | Normal | All Units | 694 | 692 | 690 | 384 | Rate E(CT) | Normal - TOD | 06.00 hrs-17.00 hrs | All Units | 677 | 676 | 675 | 384 | |
| | | | | | | | | | | | 17.00 hrs-23.00 hrs | All Units | 1016 | 1013 | 1010 | | |
| | | | | | | | | | | | 23.00 hrs-06.00 hrs | All Units | 399 | 398 | 397 | | |
| 13 | Commercial (33 KV) | Rate F(C) | Normal | All Units | 691 | 689 | 687 | 384 | Rate F(CT) | Normal - TOD | 06.00 hrs-17.00 hrs | All Units | 676 | 675 | 674 | 384 | |
| | | | | | | | | | | | 17.00 hrs-23.00 hrs | All Units | 1014 | 1013 | 1011 | | |
| | | | | | | | | | | | 23.00 hrs-06.00 hrs | All Units | 398 | 397 | 396 | | |



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 | | |
| 14 | Commercial (132 KV) | Rate H(C) | Normal | All Units | 688 | 686 | 684 | 384 | Rate H(CT) | Normal - TOD | 06.00 hrs-17.00 hrs | All Units | 668 | 666 | 664 | 384 |
| | | | | | | | | | | | 17.00 hrs-23.00 hrs | All Units | 1003 | 1001 | 999 | |
| | | | | | | | | | | | 23.00 hrs-06.00 hrs | All Units | 395 | 394 | 393 | |
| 15 | Domestic | Rate S(D) | Normal | All Units | 728 | 726 | 724 | 35 | Rate S(DT) | Normal - TOD | 06.00 hrs-17.00 hrs | All Units | 705 | 703 | 701 | 35 |
| | | | | | | | | | | | 17.00 hrs-23.00 hrs | All Units | 793 | 791 | 789 | |
| | | | | | | | | | | | 23.00 hrs-06.00 hrs | All Units | 647 | 645 | 644 | |
| 16 | Public Water Works & Sewerage (11 KV) | Rate E (PW) | Normal | All Units | 647 | 645 | 643 | 384 | Rate E(PWT) | Normal - TOD | 06.00 hrs-17.00 hrs & | All Units | 628 | 626 | 624 | 384 |
| | | | | | | | | | | | 20.00 hrs-23.00 hrs | | | | | |
| | | | | | | | | | | | 17.00 hrs-20.00 hrs | All Units | 944 | 941 | 938 | |
| | | | | | | | | | | | 23.00 hrs-06.00 hrs | All Units | 494 | 493 | 492 | |
| 17 | Public Water Works & Sewerage (33 KV) | Rate F(PW) | Normal | All Units | 634 | 632 | 630 | 384 | Rate F(PWT) | Normal - TOD | 06.00 hrs-17.00 hrs & | All Units | 614 | 612 | 610 | 384 |
| | | | | | | | | | | | & 20.00 hrs-23.00 hrs | | | | | |
| | | | | | | | | | | | 17.00 hrs-20.00 hrs | All Units | 923 | 920 | 917 | |
| | | | | | | | | | | | 23.00 hrs-06.00 hrs | All Units | 482 | 480 | 478 | |
| 18 | Sports Complex & Auditorium run by Govt./ local bodies for cultural affairs | Rate S(C) | Normal | All Units | 751 | 750 | 748 | 34 | 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 | Consumer category | Name of the Tariff Scheme | Consumption per month in KWH | | Energy Charge | | | Demand Charge |
| | | | | | | P/kWh | | | | | | | | P/kWh | | | |
| | | | | | | Summer | Monsoon | Winter | | | | | | Summer | Monsoon | Winter | |
| | | | | | | | (Rs./ KVA/ month) | | | | | | | | (Rs./ KVA/ month) | | |
| 19 | Cold storage or Dairies with Chilling Plant | Rate S(F) | Normal | All Units | | 613 | 612 | 611 | 360 | Rate S(ft) | Normal - TOD | 06.00 hrs-17.00 hrs | All Units | 596 | 595 | 594 | 360 |
| | | | | | | 17.00 hrs-23.00 hrs | All Units | 834 | | | | 833 | 831 | | | | |
| | | | | | | 23.00 hrs-06.00 hrs | All Units | 393 | | | | 392 | 391 | | | | |
| 20 | Emergency Supply | Rate S(ES) | Normal-TOD | 06.00 hrs-17.00 hrs | All Units | 752 | 750 | 748 | 384 | NOT APPLICABLE | | | | | | | |
| | | | | 17.00 hrs-23.00 hrs | All Units | 1057 | 1054 | 1051 | | | | | | | | | |
| | | | | 23.00 hrs-06.00 hrs | All Units | 499 | 497 | 495 | | | | | | | | | |
| 21 | Construction Power Supply | Rate S(CON) | Normal-TOD | 06.00 hrs-17.00 hrs & 20.00 hrs.-23.00 hrs | All Units | 752 | 750 | 748 | 384 | NOT APPLICABLE | | | | | | | |
| | | | | 17.00 hrs-20.00 hrs | All Units | 1057 | 1054 | 1051 | | | | | | | | | |
| | | | | 23.00 hrs-06.00 hrs | All Units | 499 | 497 | 495 | | | | | | | | | |
| 22 | Bulk Supply at single point to Co-operative Group Housing Society for providing power to its members or person for providing power to its employees in a single premises | Rate S(CO) | Normal | All Units | | 764 | 762 | 760 | 34 | Rate S(cot) | Normal - TOD | 06.00 hrs-17.00 hrs | All Units | 737 | 735 | 733 | 34 |
| | | | | | | | | | | | | 17.00 hrs-23.00 hrs | All Units | 812 | 810 | 808 | |
| | | | | | | | | | | | | 23.00 hrs-06.00 hrs | All Units | 670 | 668 | 666 | |



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 | Consumer category | Name of the Tariff Scheme | Consumption per month in KWH | | Energy Charge | | | Demand Charge | |
| | | | | | | P/kWh | | | | | | | | P/kWh | | | | (Rs./ KVA/ month) |
| | | | | | | Summer | Monsoon | Winter | | | | | | Summer | Monsoon | Winter | | |
| 23 | Common Services of Industrial Estate | Rate E (CT-CS) | Normal - TOD | 06.00 hrs-17.00 hrs & 20.00 hrs.-23.00 hrs | All Units | 772 | 770 | 768 | 384 | NOT APPLICABLE | | | | | | | | |
| | | | | 17.00 hrs-20.00 hrs | All Units | 1081 | 1078 | 1075 | | | | | | | | | | |
| | | | | 23.00 hrs-06.00 hrs | All Units | 628 | 627 | 626 | | | | | | | | | | |
| 24 | Traction KV) (25 | Rate T (A) | Normal | All Units | | 715 | 713 | 710 | 360 | NOT APPLICABLE | | | | | | | | |
| 25 | Traction KV) (132 | Rate T (B) | Normal | All Units | | 715 | 713 | 710 | 360 | NOT APPLICABLE | | | | | | | | |
| 26 | Metro Rail | Rate T (M) | Normal | All Units | | 693 | 688 | 683 | 105 | NOT APPLICABLE | | | | | | | | |
| 27 | Short-term Supply | Rate S(ST) | Normal - TOD | 06.00 hrs-17.00 hrs | All Units | 747 | 745 | 743 | 384 | NOT APPLICABLE | | | | | | | | |
| | | | | 17.00 hrs-23.00 hrs | All Units | 1050 | 1048 | 1046 | | | | | | | | | | |
| | | | | 23.00 hrs-06.00 hrs | All Units | 504 | 502 | 500 | | | | | | | | | | |
| 28 | Private Educational Institutions | Rate E (C-EI) | Normal | All Units | | 789 | 787 | 785 | 384 | Rate E (ct-ei) | Normal - TOD | 06.00 hrs-17.00 hrs | All Units | 777 | 775 | 773 | 384 | |
| 17.00 hrs-23.00 hrs | All Units | 856 | 854 | 852 | | | | | | | | | | | | | | |
| 23.00 hrs-06.00 hrs | All Units | 707 | 706 | 705 | | | | | | | | | | | | | | |
| 29 | MES | Rate E (C-M) | Normal | All Units | | 631 | 629 | 627 | 192 | NOT APPLICABLE | | | | | | | | |



CHAPTER – 4 DIRECTIONS

- 4.1 The Commission has given some direction in different paragraphs in Chapter-4 of the order dated 04.03.2015 while determining the fixed cost of WBSEDCL. WBSEDCL shall comply with those directions. The Commission also gave directions under chapter 8 of the tariff order for 2014-2015 and under chapter-4 of the tariff order for the year 2015-16 in respect of WBSEDCL. The Commission also gave directions from time to time for compliance with by WBSEDCL. Some of those directions which will also continue for the year 2016 – 2017 are given below. WBSEDCL shall comply with those directions.
- 4.2 The Commission has already decided that in future any delay in submission of tariff application by any distribution licensee for any control period beyond the 4th control period or any year as applicable will result in not providing any increase in tariff for equal number of days and thus the under recovery due to such measure will not be allowed to be passed through any tariff mechanism or during truing up in Annual Performance Review (APR) or Fuel & Power Purchase Cost Adjustment (FPPCA). Moreover henceforth any delay in submission in APR or FPPCA application shall not be considered as ground for delay by the licensee for submission of tariff application.

Further, it is also required to be noted that any delay with or without the approval of the Commission in submission of either of the applications of APR or FPPCA of any year (Y) within the target date as specified in the Tariff Regulations of the following year may result into non-inclusion of the impact of APR and/or FPPCA order in the concerned tariff order of the year Y+2. In such case, the impact will be considered in any future year beyond (Y+2) year as applicable without any allowance for carrying cost, if otherwise applicable. Thus, in filing of



सत्यमेव जयते



Tariff Order of WBSEDCL for the year 2016 – 2017

application(s) / petition(s), the licensee is required to maintain the relevant time schedule(s) as specified in the Tariff Regulations.

It may be further noted that the arrear amount that is to be recovered in a single or number of installments as will be determined by the Commission for any financial year due to issuance of delayed tariff order as consequence to delayed submission of tariff application by the licensee will not be provided with any carrying cost.

The Commission also observed that during truing up in the APR order of the distribution licensees and in the Fuel Cost Adjustment (FCA) of the generating company, a considerable amount is further recoverable by the licensees and the generating company even after realization of MVCA or MFCA during the year. It appears that the distribution licensees and the generating company have failed to understand the true spirit of introduction of the MVCA and MFCA and they are not considering the eligible cost in computation of their MVCA or MFCA as per the formula specified in the Tariff Regulations properly. The Commission in terms of regulation 5.8.12 of the Tariff Regulations directs WBSEDCL to compute their MVCA taking into consideration the related cost in its true sense keeping in their mind the true spirit of introduction of such monthly adjustment failing which the Commission will think not to allow such adjustment in full in future or not to pass the amount as found recoverable on account of FPPCA during truing up in APR for WBSEDCL.

- 4.3 As MVCA has already been introduced thus the amount that be claimed in FPPCA at the end of any year is not expected to be higher than the summated value of following factors:



सत्यमेव जयते



Tariff Order of WBSEDCL for the year 2016 – 2017

- i) impact due to rounding off as per note (f) under the sub- paragraph (e) of paragraph (A) of Schedule - 7B of the Tariff Regulations against the applicable MVCA for the month of February and March of that year,
- ii) impact due to non-recovery of any additional fuel cost of March of any year over and above what is recovered on the basis of MVCA as calculated from data of February due to the fact that MVCA calculated on the basis of data of March is become applicable for next financial year only, and
- iii) impact due to application of disallowance of cost as per FPPCA formula at FPPCA determination stage.

Thus in such case if recoverable amount under FPPCA of any year is found to be higher than the above referred summated value, then such excess amount will be dealt as per direction already issued by the Commission vide its order in case no. SM-10/14-15 dated 18.07.2014. In this context it is also to be noted that such excess amount represent the amount that would have been collected through MVCA and thus not raising of such bill may result into distorted merit order dispatch in the system. In fact, by virtue of this type of practice there is high possibility of vitiating the environment of merit order dispatch in the whole supply chain in West Bengal power sector and thereby affecting the economic load dispatch in the systems. As a result ultimate sufferer will be the retail consumers of West Bengal. In view of the above, no carrying cost will be allowed by the Commission in case of creation of such excess amount as regulatory asset through FPPCA. Whenever such excess amount is released in number of installments then also it will not be entitled to any carrying cost. However, this direction shall not be construed as an approval of such delayed claim of excess fuel cost through FPPCA instead of MVCA and such matter will be dealt as per



Tariff Order of WBSEDCL for the year 2016 – 2017

direction already issued by the Commission vide its order in case no. SM-10/14-15 dated 18.07.2014.

4.4 While declaring MVCA for any month WBSEDCL shall follow the following directions:

a) Irrespective of change in MVCA in any month from the previous month, the detailed calculation sheet of MVCA prepared for the purpose of determination of MVCA for that month as per regulation 5.8.9 of the Tariff Regulations shall be submitted to the Commission within seven days of notification of the MVCA or in case of no notification within thirty days after the end of the month under consideration for MVCA. Such calculation sheet shall also specifically mention the received fuel bill and/or power purchase bill which has not been considered or partly considered in the said MVCA in pursuance to note (g) under sub-paragraph (e) of paragraph A of Schedule – 7B of the Tariff Regulations. WBSEDCL shall also upload such calculation sheet in their web-site for each month and shall maintain the same in the website till publication of the worksheet for the next month.

b) In continuation of earlier order in case no: WBERC/A-35/2 dated 19-02-2014 Commission again reiterated that WBSEDCL will publish the notification of change of MVCA in terms of 4th paragraph of regulation 5.8.9 of Tariff Regulations in such daily newspapers which are widely circulated in West Bengal. Any deviation in this regard will be seriously viewed.

4.5 While submitting the Fuel and Power Purchase Cost Adjustment (FPPCA) application for any year WBSEDCL shall give a list of fuel bill or power purchase bill which has not been claimed under MVCA calculation along with the



सत्यमेव जयते



Tariff Order of WBSEDCL for the year 2016 – 2017

provisions of the Tariff Regulations under which such claim has not been done. A further reconciliation statement shall be given to establish that WBSEDCL has followed the direction of paragraphs 4.3 and. 4.4 above effectively.

In case of non submission of the above documents/ information the application of APR will not be admitted.

- 4.6 While computing the renewable and cogeneration purchase obligations, the energy generated from Solar roof-top photovoltaic power plants shall be considered by any distribution licensee both on consumption side and as input energy from renewable sources towards fulfillment of renewable and cogeneration purchase obligations in terms of the Electricity Act, 2003 and the relevant Regulations. The licensee is required to furnish suitable details in this respect.
- 4.7 WBSEDCL shall submit a report on the following issues:
- a) Implementation problem in removing minimum 30 KVA load criterion on eligibility for TOD conversion.
 - b) Possibility of shifting of load of drinking water pumping station, drainage station and other utility services to non-peak hours through TOD and other Demand Side Management strategy
- 4.8 While submitting the APR application of any year, the following information is to be provided by WBSEDCL in the notes of Financial statement of Annual Accounts or through Auditor's Certificate, in a manner as described below:



सत्यमेव जयते



Tariff Order of WBSEDCL for the year 2016 – 2017

- a) All the expenditure or cost element considered under tariff applications are to be provided separately for distribution function and generation function for the regulatory requirement.
- b) The penalty, fine and compensation under Electricity Act 2003 shall also be shown separately for distribution function and generation function.
- c) Any fine, penalty or compensation in any other statute other than Electricity Act 2003 shall be mentioned separately for distribution function and generation function respectively along with the reference of the statute.
- d) The figure of AT & C loss for the years concerned in line with the computation methodology as specified in Form 1.8 of the Tariff Regulations is to be provided. Beside that AT&C loss calculated with arrear recovery done for the period prior to the year for which the account is prepared shall also be shown separately.
- e) In the notes of the past Annual Accounts, Repair & Maintenance is shown in three separate heads of distribution & metering, generation and other heads. In the Annual Accounts 'other heads' is to be specified in terms of specific activities.

In case of non submission of the above documents/ information the application of APR will not be admitted.

- 4.9 While submitting APR application of any year, WBSEDCL shall submit the certificate from the statutory auditor of the annual accounts of the said year for the following parameters:



Tariff Order of WBSEDCL for the year 2016 – 2017

- a) Based on fixed asset register the parameters to be submitted are –
- i) The distribution line length and transmission line (if any which is essential part of distribution system as per section 2(72) of Electricity Act 2003) length in CKM for each level of Voltage related to the assets of WBSEDCL. For the asset which is not owned by the WBSEDCL but maintained by WBSEDCL shall be shown separately.
 - ii) Similarly the number of transformers and total installed capacity of transformers in MVA or KVA for each category of transformers for distribution system are to be provided.
- b) For the year concerned under the APR the actual number of Consumers, the consumption level in MU and total connected load in KVA for each category of consumers on whom the tariff rate has been issued in the tariff order of the year corresponding to the APR under consideration.
- c) The figure of distribution loss and AT&C loss for the year concerned under APR as per form 1.7 and 1.8 of the Tariff Regulations.
- d) List of expenditure arisen on account of penalty, fine and compensation due to non-compliance of any statute or statutory order along with the reasons for each such type of penalty, fine and compensation.
- e) A statement showing the manpower engaged in different field of activity which is now outsourced partly or fully vis-à-vis the manpower engaged from regular establishment against the respective field of activities.



Tariff Order of WBSEDCL for the year 2016 – 2017

- f) Copies of the audited accounts of all the terminal benefit funds for the year in a complete shape and not by any selective pages.
- g) A statement showing monthly deposition in different terminal funds for the concerned year.
- h) The detail breakup of number of vehicles that covers all the three shifts of a customer care centre, number of vehicles that covers only two shifts of a customer care centre and number of vehicles that covers only one shift of a customer care centre along with the respective expenditures for each such category. Also give the total number of Customer care centre and number of customer care centers having Urban areas as per definition in regulation 2.1(xxv) of West Bengal Electricity Regulatory Commission (Standards of Performance of Licensees Relating to Consumer Services) Regulations, 2010 (in short “SOP Regulations”). The above information shall be submitted in relation to MCSU services. For hiring vehicle for high voltage services such data shall be submitted separately.
- i) A detail breakup showing total expenditure and employee strength against each level of all categories of employees including the whole time directors of the board. If any director or employee discharge any function of other companies also then the allocation of cost among the companies shall be shown separately and distinctly against each level.
- j) WBSEDCL along with the application of APR, shall also enclose their compliance report on Renewable Power Purchase Obligation in pursuance to clause 8 of the West Bengal Electricity Regulatory Commission (Cogeneration and Generation of Electricity from Renewable Sources of



सत्यमेव जयते



Tariff Order of WBSEDCL for the year 2016 – 2017

Energy) Regulations, 2013 or any of its subsequent amendment or replacement in future.

In case of non submission of the above documents the application of APR will not be admitted.

4.10 In case of expenditure at a level higher than the admitted amount under any uncontrollable factor in the tariff order on account of fixed charges, while submitting APR application for the year, WBSEDCL shall justify such higher expenditure in detail with supporting document and evidence on the basis of which the Commission will take 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 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 (%) 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 under the fourth control period.

4.11 While submitting application of APR for any year, if such application shows any net claim for that year after considering the concerned FPPCA, then in such case WBSEDCL shall suggest in specific terms the ensuing year(s) in which they intend to recover such claim and by what amount. WBSEDCL shall also show the



सत्यमेव जयते



Tariff Order of WBSEDCL for the year 2016 – 2017

consequential impact of such recovery in the expected average cost of supply in those ensuing years after considering the total revenue recoverable through tariff. The total revenue recoverable through tariff means the summated amount of the Net Aggregate Revenue Requirement plus all other amount on account of any release of regulatory asset, FPPCA and APR of its own and FCA of WBPDCCL as applicable for any year which is being already decided by the Commission in earlier orders. They shall also mention the carrying cost, if necessary, where it is applicable in terms of the Tariff Regulations and different orders and direction of the Commission in this respect. This consequential impact on tariff shall also be provided in the gist of the APR application.

In case of non submission of the above information the application of APR will not be admitted.

- 4.12 The fund released for terminal benefit fund in the ensuing year of 4th control period are as follows:

Rs. in lakh

| SI No | Particulars | 2014-15 | 2015-16 | 2016-17 |
|-------|---|----------|----------|----------|
| 1 | Interest on bonds for Terminal Benefits to employees | 13005.00 | 13005.00 | 13005.00 |
| 2 | Release of Regulatory Asset for terminal benefit as mentioned in paragraph 6.2(v) of this MYT order | 4703.68 | 36000.00 | 31000.00 |
| 3 | Terminal benefits as per MYT order of 4 th control period | 34785.50 | 37629.45 | 43072.49 |
| | Total | 52494.18 | 86634.45 | 87077.49 |

In order to ensure that in future actuarial valuation of terminal benefit fund can be kept in control in a better way by avoiding carrying cost of such liability in future the following is to be adhered to:



सत्यमेव जयते



Tariff Order of WBSEDCL for the year 2016 – 2017

- a) WBSEDCL shall ensure that henceforth at least one-twelfth of the amount on account of terminal benefit as shown in serial no. 1 of the table above, as a part of employee cost admitted in the tariff order, is to be deposited in different terminal benefit funds every month as a first charge item. This process will also continue beyond 2016 – 2017 till issuance of next tariff order.
- b) It is to be noted that regulatory release of terminal benefit amount under Sl. No. 2 of above table being a component of arrear amount recoverable through number of installments, such amount is to be deposited in the terminal benefit funds prospectively. The amount deposited in terminal benefit fund from such arrear recovery in each future year shall also be commensurating with the arrear recovered in that particular year on monthly basis.
- c) WBSEDCL shall ensure that henceforth the amount that is statutorily required to be deposited in a month in different fund on account of terminal benefit as shown in sl. No. 3 of the table above, as a part of employee cost admitted in the tariff order, is to be deposited in different terminal benefit funds every month as a first charge item. This process will also continue beyond 2016 – 2017 till issuance of next tariff order.
- d) On the head of terminal benefit fund, if there is shortage in the deposit amount in the terminal benefit fund admitted in employee cost through this order, the balance amount of contribution to terminal benefit fund is required to be deposited as first charge item over and above what had already been deposited for the year 2016 – 2017, from the effective date of recovery of the recoverable amount against this order from the very first day. So, it is directed



सत्यमेव जयते



Tariff Order of WBSEDCL for the year 2016 – 2017

that the balance amount of contribution as discussed above to terminal benefit fund for the year 2016 – 2017, i.e., the difference between the amount of contribution to terminal benefit funds as allowed in the order as a part of employee cost and that has already been deposited in the fund, is to be deposited in the respective different terminal benefit funds. Such balance amount is to be deposited in different terminal benefit funds in not more than 12 monthly equal installments from the date on which the recovery through tariff against this order will start.

- e) While submitting application of APR for 2016-17, WBSEDCL shall show through audited accounts of different terminal benefit funds that the contribution to the different terminal benefit funds during the concerned year as a part of employee cost is duly deposited in the terminal benefit funds.

In case of non-deposition of amount admitted for terminal benefit fund as provided in (a) to (e) above in the respective fund as directed above, Commission may withhold or deduct same amount equivalent to amount of non-deposition.

- 4.13 In the tariff order dated 04.03.2015 it was considered that all type of compensation (as shown under note no 27 of the Annual Accounts 2012-13) is the part of the other administrative & general expenses except Compensation to consumer. Similarly loss on obsolete stores etc has also been considered as expenditure under Other Administrative & General Expenses. Separately no such claim should be lodged by WBSEDCL and compensation to consumers can never be claimed.



Tariff Order of WBSEDCL for the year 2016 – 2017

- 4.14 In past, number of distribution projects (such as APDRP, R-APDRP Part A) has been undertaken where distribution loss reduction was targeted. Commission directs that WBSEDCL shall prepare a report on such projects about achievement and the learning from such project after post completion study of the project. WBSEDCL has to also mention clearly the steps they are undertaking from the experience of the earlier projects in their new but similar types of projects such as R-APDRP part B project so that distribution loss reduction target as envisaged in the project can be achieved. Such report shall be submitted to the Commission alongwith the APR application for 2016 – 2017 and on the basis of that Commission will provide directions that in case of failure to achieve the distribution loss target as envisaged in the project what would be the penal measures.
- 4.15 The Commission is statutorily duty bound to promote generation of electricity from following sources of energy:
- i) Co-generation of electricity from renewable sources.
 - ii) Co-generation of electricity from fossil fuel sources.
 - iii) Co-generation of electricity from hybrid sources of fossil fuel / conventional sources and renewable sources.
 - iv) Electricity generation from renewable sources.

In order to promote above mentioned type of generation of electricity by applying regulations 8.3 and 8.4 of the Tariff Regulations and regulations 19.1 and 19.2 of the West Bengal Electricity Regulatory Commission (Cogeneration and Generation of Electricity from Renewable Sources of Energy) Regulations, 2013, the Commission has already decided that from the APR of the ensuing year 2016 – 2017 a deduction of 5% from Return on Equity will be done if WBSEDCL fails



सत्यमेव जयते



Tariff Order of WBSEDCL for the year 2016 – 2017

- to comply with the Renewable Purchase Obligation as per West Bengal Electricity Regulatory Commission (Cogeneration and Generation of Electricity from Renewable Sources of Energy) Regulations, 2013 or any of its subsequent amendment. In this context, the Commission directs that WBSEDCL shall advertise on important national media inviting the interested parties of supplying renewable and cogeneration electricity on every four months for next two years instead of one time in a year in pursuance to the regulation 3.5 of the said Regulations.
- 4.16 While submitting application of APR, WBSEDCL shall also submit a detailed calculation showing that revenue collected against the supply of electricity to consumers at a rate below the rate determined in this tariff order in pursuance to the application of paragraph 7.2.27 of the order dated 04.03.2015 and concerned clauses of Tariff Regulations satisfying the condition that the consumers covered by application of such paragraph through the notification dated 23.09.2014 published by WBSEDCL have been supplied electricity at a price not below the cost of supply to them and revenue recovered from them is commensurating with such price as well as their consumption. WBSEDCL has also to establish that no loss on this head has been passed to other consumers through the ARR determination process in the APR.
- 4.17 The cost of meter reading and billing paid to New Town shall be on transaction basis. Accordingly, the agreement between WBSEDCL and its franchise shall be amended.
- 4.18 In order to reduce the impact in FPPCA henceforth while applying the formula of MVCA the component of adjustment Δ_{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.



Tariff Order of WBSEDCL for the year 2016 – 2017

- 4.19 WBSEDCL is directed to furnish the month wise statement of consumption in (MU) and maximum demand in (KVA) during different time period of normal, peak and off-peak period of all 33 KV and 132 KV industrial consumers during the year 2014 – 2015 and 2015 – 2016 along with their APR application for 2015 – 2016 for study of change in consumption pattern of industrial consumers after implementation of the new rebate as mentioned in paragraph 3.2.25 of the tariff order for 2015 – 2016.
- 4.20 WBSEDCL is directed to take initiatives for energy conservation to flatten the load curve in the following ways:
- i) by retrofitting conventional light with LED lamp, energy efficiency appliances like, fans, A/C, etc.; and
 - ii) by arranging load management awareness programme for the consumers.
- WBSEDCL shall also take initiative in development of roof top solar PV and other renewable sources of energy.
- 4.21 WBSEDCL was already directed to submit their plan for reduction of Aggregate Technical and Commercial (AT&C) losses through implementation of HVDS. WBSEDCL shall submit the status of survey work on HVDS within 3 (three) months from the date of this order.
- 4.22 WBSEDCL was already directed to segregate feeders based on rural, urban and cities with energy audit. WBSEDCL is now directed to submit the status report on segregation of feeders within 3 (three) months from the date of this order. WBSEDCL is also directed to submit energy audit report by 31st March, 2017.
- 4.23 Henceforth, in their APR application for the year 2016 – 2017 and onwards, WBSEDCL shall submit the technical and commercial losses separately.



Tariff Order of WBSEDCL for the year 2016 – 2017

- 4.24 WBSEDCL shall submit a roadmap setting areas having high commercial loss, actions contemplated to be taken for reduction of theft, improvement of billing and collection efficiency (installation of smart meters, prepaid meters, pole mounted meters, etc.) and spot collection of payment within 3 (three) months from the date of this order.
- 4.25 WBSEDCL shall also submit the roadmap to achieve the following:
- i) Reduction of cost of distribution (including loss and sale of energy) nearer Re. 1.00 per unit.
 - ii) Reduction of technical loss to the following limits:

| | | |
|------------------|---|-------|
| • For Cities | – | 4.00% |
| • For Urban | - | 5.00% |
| • For Rural Area | - | 8.00% |
 - iii) Reduction of Commercial Loss below 2.00%.
 - iv) Time line to achieve the commercial loss reduction target.
- 4.26 The Commission earlier directed WBSEDCL to submit a detailed scheme preferably in the form of Detailed Project Report (DPR) for implementing various measures as enumerated below:
- i) Introducing Pre-paid Smart Metering keeping a provision of switching over to smart Grid with smart Meters in future.
 - ii) Effecting Energy Audit and Technical Audit in the company activities.
 - iii) Application of AB Cables with HVDS while giving connections particularly in theft prone areas.



Tariff Order of WBSEDCL for the year 2016 – 2017

The prime objective of the Commission is to reduce the AT&C loss of the distribution licenses to a desirable extent. This loss reduction is to be effected in phases with firm commitments and to be achieved within a period of three years from now onwards.

- 4.27 WBSEDCL shall further submit 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 at paragraphs 4.26 (ii) above.

| Voltage level | Rural | | 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 | | | | | | |

- 4.28 While submitting application of APR for the year 2016 – 2017, WBSEDCL shall have to submit the following through affidavit:

- a) That no expenditure has been claimed by WBSEDCL through the APR petition on employee or infrastructure or any other support or O&M activity pertaining to any other business of WBSEDCL 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 filing in the Court of Law but the notices have not yet been served to the Commission.



Tariff Order of WBSEDCL for the year 2016 – 2017

- 4.29 The Commission intends to introduce Advance Metering Infrastructure (AMI) system which is a primary constituent of smart grid. AMI system, being an useful tool in improving the performance of the DISCOMs, may be introduced along with Optical Fibre Cable (OFC) based communication system. As this kind of work requires substantial capital and moreover its efficacy has not yet been proven, a pilot project may be considered as an initial step, the value of which may be contained within Rs. 5000.00 lakh.
- 4.30 WBSEDCL shall take initiative so that the power factor rebate and surcharge can be introduced for the L.T. industrial consumer having connected load of 30 KVA and above in the tariff order for the fifth control period. WBSEDCL shall accordingly submit their application for the fifth control period commencing from the financial year 2017 – 2018.
- 4.31 Failure in compliance of any of the above directions within 31st March, 2017 will attract a substantial penalty to be decided and adjusted in their ROE during Annual Performance Review (APR).

Sd/-
(AMITAVA BISWAS)
MEMBER

Sd/-
(R. N. SEN)
CHAIRPERSON

DATE: 28.10.2016