## PRESS NOTE

## RETAIL ELECTRICITY TARIFF OF BEST UNDERTAKING APPLICABLE FROM 1 April, 2020

The Brihanmumbai Electric Supply and Transport Undertaking (BEST) is a Licensee for electricity distribution in the island city area of Mumbai. BEST's Petition for approval of true-up for FY 2017-18, FY 2018-19, provisional truing up for FY 2019-20 and Aggregate Revenue Requirement (ARR) and Tariff for the Multi-Year Tariff (MYT) Control Period from FY 2020-21 to FY 2024-25 was admitted by the Maharashtra Electricity Regulatory Commission (MERC or Commission) on 8 January, 2020.

The Commission invited written suggestions on the Petition from the public, and also held a Public Hearing on 4 February, 2020. After this public consultation process, the Commission has determined the ARR and Tariff of BEST for FY 2020-21 to FY 2024-25 through its Order dated **30 March**, **2020**. The revised tariffs are effective from **1 April**, **2020**.

The salient features of the Commission's Order are as follows:

- 1. The Commission has approved a net Surplus of Rs. 771 Crore as against the net surplus of Rs. 541 Crore claimed by BEST, after truing up for FY 2017-18 and FY 2018-19, and provisional truing up for FY 2019-20. The revenue and the expenses are scrutinised as per the applicable Regulations and financial prudence. The Commission has tried to strike a balance between the consumer interest and the legitimate expenses of the Licensee.
- 2. The Commission has approved the recovery of ARR for the MYT Control Period from FY 2020-21 to FY 2024-25, after considering past gaps as shown below:

| Sr. | Particulars                       | Units     | FY      | FY      | FY      | FY      | FY      |
|-----|-----------------------------------|-----------|---------|---------|---------|---------|---------|
| No. |                                   |           | 2020-21 | 2021-22 | 2022-23 | 2023-24 | 2024-25 |
| 1   | ARR estimated by BEST             | Rs. Crore | 3,985   | 3,839   | 3,844   | 3,905   | 3,964   |
| 2   | ARR approved by the Commission    | Rs. Crore | 3,854   | 3,576   | 3,491   | 3,553   | 3,617   |
| 3   | Average Cost of Supply (ACoS)     | Rs/kWh    | 7.31    | 7.31    | 7.28    | 7.28    | 7.30    |
| 4   | Average Annual Tariff<br>Increase | %         | -7.80%  | 0.01%   | -0.39%  | 0.02%   | 0.21%   |

- 3. The Commission has approved a significant average tariff reduction of around 8% in FY 2020-21. The tariffs are expected to remain flat for the remaining four years of the Control Period, thereby giving tariff stability to the consumers of BEST.
- 4. This Tariff order is being issued at a critical time when the country is passing through one of the most debilitating epidemics in the form of Covid19. In fact taking note of the current situation prevailing in the state, commission issued a practice direction on 26/3/2020 whereby meter

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reading and physical bill distribution work was suspended and utilities were asked to issue bills on average usage basis till the current crisis gets subsided. Commission is aware that a number of industrial and commercial establishments have been shut down due to the lockdown enforced by Government.

- 5. To mitigate to some extent the difficulties being faced by the Electricity consumers of Maharashtra and all out efforts to contain the spread of Corona Pandemic, the Commission deems it fit to put a moratorium on payment of fixed charges of the electricity bill by consumers under Industrial and Commercial category for next three billing cycles beginning from the lockdown date of 25/3/2020.
- 6. The Distribution Licencees will be required to borrow/avail additional working capital over and above the Regulations. Also, there will be other additional cost required to be incurred for continuing of operations. Associated with this, there will be an additional working capital interest. The Commission opines that in the present situation, relief needs to be given to the electricity consumers affected by the Lockdown directions. The Commission will take a appropriate view on the additional expenses that are likely to be incurred by the Distribution Licensees on account of additional Interest on Working Capital during the MTR process.
- 7. The Commission has also in-built a buffer Fund of around Rs. 275 Crore with the Distribution Licensee to address power purchase payments required to be made for the past period, which are yet to be crystallised. So, no such cost would be required to be recovered separately from the consumers as additional tariff.
- 8. The Commission has also approved a FAC stabilisation fund of Rs. 59 Crore to address the possible variation in power purchase costs on account of FAC. This fund is proposed to be created through the additional amount approved by way of year on year 3% escalation of the fuel cost. The initial FAC amount is expected to be negative, which will not be passed on to the consumer but will be used to build this fund. Subsequently, in case of unexpected rise, the amounts available in this fund will be utilised first and only the shortfall will be passed on as FAC. This fund is proposed to be used for tariff stability.
- 9. The Commission has also factored in the impact of capitalisation approved against new initiatives proposed by the Distribution Licensee, viz., installation of smart meters, distribution network augmentation, etc.
- 10. For continued promotion of Electric Vehicles (EV) in the State, the Commission has approved concessional, lower than ACoS tariffs for EV Charging Stations at HT and LT Voltage levels, with effective variable charge of Rs. 5.50 per unit and demand charges of Rs.70 per kVA per month. Additionally, they are also eligible for Load Factor (LF) and Power Factor (PF) incentives/penalties as applicable, besides Time-of-Day (ToD) tariffs, which will further reduce their tariff

- 11. In continuation with existing Orders and to support the mass transport means and bulk consumers, Wheeling Charges shall continue to be not applicable to Railways, Metro, Monorail and other consumers taking supply on EHV (110/132 kV) voltage level.
- 12. As suggested by a large number of consumers and to move towards simpler and rationalized tariff structure, the Commission has reduced the number of categories from the existing tariff structure. This rationalisation is based on the primary purpose of electricity supply.

  Accordingly, the Commission has also merged Public Water Works and Streetlights with Public Service Others category. Similarly, Advertisement & Hoardings and Temporary Supply (Others) have been merged with the Commercial Category. The Temporary Supply (Religious) and Crematorium & Burial Grounds have been merged with the Residential category.

  After this rationalisation, there are only 6 categories at HT voltage, and 5 categories at LT voltage. While merging and rationalising the categories, the Commission has taken care that no category of consumers faces a tariff shock.
- 13. Accepting the concept of fixed cost recovery through Fixed/Demand Charges, the same have been gradually increased. While doing this, care has been taken to reduce the Energy Charges to offset the increase in the Fixed/Demand charges. Additionally, incentives have been retained/ increased so as to give relief of overall reduction in tariff of the consumers.
- 14. In the previous MTR Order, the Commission had declared its intent to introduce kVAh billing for selected consumer categories from the MYT Order, by moving from the system of Power Factor (PF) incentives/penalties to kVAh billing. The kVAh billing system has an inherent mechanism to incentivize or penalize consumers according to their PF, as consumers are encouraged to maintain near unity PF to achieve loss reduction, improve system stability, power quality and improve voltage profile. Accordingly, through this MYT Order, the Commission has introduced kVAh tariffs in a phased manner. In the first phase, kVAh billing has been approved for all HT categories, which will be extended to other categories at the appropriate time.
- 15. The Commission has continued its efforts to contain or reduce the cross-subsidy levels, i.e., the extent to which one category of consumers cross-subsidises or is subsidised by others, as envisaged under the Electricity Act, 2003 and in accordance with the Tariff Policy. The categorywise movement of cross-subsidy over the five-year Control Period is given at **Annexure 7**.
- 16. The Commission has tried to balance the tariffs of the competing Distribution Licensees in a manner that the competition between the Licensees continues to exist.
- 17. The Commission has also retained the existing Schedule of Charges applicable for processing new Applications, meter shifting requests, etc., after considering the Licensee's request.

- 18. The Commission has retained the discount of 0.25% of the monthly bill (excluding taxes and duties), subject to a cap of Rs. 500/- per month per bill, for Low Tension category for payment of electricity bills through various modes of digital payment such as credit cards, debit cards, UPI, BHIM, internet banking, mobile banking, mobile wallets, etc.
- 19. The Commission has approved a bill discount of Rs. 10 per month per bill, in case the consumer opts for E-bill rather than physical bill copy, in order to save on paper usage as well as bill printing and bill distribution costs.
- 20. Considering that Hon'ble the Supreme Court disposed BEST's Appeal No. 10488 of 2014 on hearing dated 10 July, 2019, by directing no refunds to be made consequent to the disposal of the appeal of BEST, no impact in this regards has been considered by the Commission in the present Order.
- 21. The comparison of existing and revised category-wise Tariffs for FY 2020-21 to FY 2024-25 are given at the following Annexures:
  - a) **Annexure 1:** Existing and revised category-wise Tariffs for FY 2020-21;
  - b) **Annexure 2:** Revised category-wise Tariffs for FY 2021-22;
  - c) Annexure 3: Revised category-wise Tariffs for FY 2022-23;
  - d) **Annexure 4:** Revised category-wise Tariffs for FY 2023-24;
  - e) Annexure 5: Revised category-wise Tariffs for FY 2024-25.
- 22. The category-wise Average Billing Rate and increase/ (decrease) in tariff are shown in **Annexure** 6.
- 23. The category-wise movement of cross-subsidy levels are shown in **Annexure 7.**
- 24. The key variations between the ARR claimed by BEST and amounts approved by the Commission are presented in **Annexure 8**.
- 25. The consumer mix, sales mix, and revenue contribution of different consumer categories are presented pictorially in **Annexure 9**.
- 26. The Commission's detailed Order can be seen and downloaded from the Commission's website <a href="www.merc.gov.in">www.merc.gov.in</a>.

Annexure 1: Existing and Revised Category-wise Tariff for BEST's consumers for FY 2020-21

| Consumer Category &                             |                             | <b>Existing Tar</b>                    | iff   | Revised Applicable Tariff from 1 April, 2020 |  |                                      |  |                                   |                          |  |
|---|-----------------------------|--|---|--|--|--------------------------------------|--|-----------------------------------|--------------------------|--|
| Consumption Slab                                | Fixed Charge (Rs / Consumer | Demand<br>Charge<br>(Rs/KVA/<br>month) | Total<br>Variable<br>Charges<br>(Rs./kVAh)* | Fixed Charge (Rs / Consumer                  | Demand<br>Charge<br>(Rs/KVA/<br>month) | Energy<br>Charge<br>(Rs./kVAh)<br>or | Wheeling<br>Charge<br>(Rs./kVAh)<br>or | Total Variable Charges (Rs./kVAh) | % Increase (+)/ Decrease |  |
| HT Category                                     | /month)                     |  | or (Rs/kWh)                                 | /month)                                      |  | (Rs/kWh)                             | (Rs/kWh)                               | or (Rs/kWh)                       | (-)                      |  |
| HT I -Industry                                  |                             | 305                                    | 7.92  |  | 320                                    | 5.65                                 | 0.46                                   | 6.11                              | -20.41%                  |  |
| HT II - Commercial                              |                             | 305                                    | 7.94  |  | 320                                    | 6.01                                 | 0.46                                   | 6.47                              | -16.56%                  |  |
| HT III - Bulk Supply Residential                |                             | 305                                    | 7.01  |  | 320                                    | 5.63                                 | 0.46                                   | 6.09                              | -11.32%                  |  |
| HT IV - Railways / Metro /<br>Monorail          |                             | 305                                    | 6.77  |  | 320                                    | 5.33                                 | 0.46                                   | 5.79                              | -11.72%                  |  |
| HT V - Public Service (A)                       |                             | 305                                    | 7.20  |  | 320                                    | 5.43                                 | 0.46                                   | 5.89                              | -16.16%                  |  |
| HT V - Public Service (B)                       |                             | 305                                    | 8.01  |  | 320                                    | 5.88                                 | 0.46                                   | 6.34                              | -17.21%                  |  |
| HT – VI – Electric Vehicle<br>Charging Stations |                             | 70                                     | 5.98  |  | 70                                     | 5.04                                 | 0.46                                   | 5.50                              | -8.33%                   |  |
| LT Category                                     |                             |  |   |  |  |                                      |  |                                   |                          |  |
| LT I - Below Poverty Line                       | 10                          |  | 2.68  | 10   |  | 1.33                                 | 1.35                                   | 2.68                              | 0%                       |  |
| LT – I - Residential                            |                             |  |   |  |  |                                      |  |                                   |                          |  |
| 0-100   | 65                          |  | 3.22  | 70   |  | 1.83                                 | 1.35                                   | 3.18                              | -1.40%                   |  |
| 101-300   | 105                         |  | 5.92  | 110  |  | 4.46                                 | 1.35                                   | 5.81                              |                          |  |
| 301-500   | 105                         |  | 8.89  | 110  |  | 7.34                                 | 1.35                                   | 8.69                              |                          |  |
| 500 and above                                   | 130                         |  | 10.47                                       | 135  |  | 8.91                                 | 1.35                                   | 10.26                             |                          |  |
| LT II (a) Commercial - 0-20 kW                  | 365                         |  | 7.59  | 385  |  | 5.26                                 | 1.35                                   | 6.61                              | -10.52%                  |  |
| LT II (b) Commercial - 20-50 kW                 |                             | 305                                    | 7.58  |  | 320                                    | 5.31                                 | 1.35                                   | 6.66                              | -8.70%                   |  |
| LT II (c) Commercial - above 50 kW              |                             | 305                                    | 8.09  |  | 320                                    | 5.65                                 | 1.35                                   | 7.00                              | -10.36%                  |  |
| LT III (a) - LT Industrial upto 20 kW           | 365                         |  | 7.12  | 385  |  | 4.99                                 | 1.35                                   | 6.34                              | -9.46%                   |  |
| LT III (b) - LT Industrial above 20 kW          |                             | 305                                    | 7.08  |  | 320                                    | 5.24                                 | 1.35                                   | 6.59                              | -4.93%                   |  |

| Consumer Category &              |          | <b>Existing Tar</b> | iff         | Revised Applicable Tariff from 1 April, 2020 |          |            |            |             |          |  |  |
|----------------------------------|----------|---------------------|-------------|--|----------|------------|------------|-------------|----------|--|--|
| Consumption Slab                 | Fixed    | Demand              | Total       | Fixed  | Demand   | Energy     | Wheeling   | Total       | %        |  |  |
|                                  | Charge   | Charge              | Variable    | Charge                                       | Charge   | Charge     | Charge     | Variable    | Increase |  |  |
|                                  | (Rs /    | (Rs/KVA/            | Charges     | (Rs /  | (Rs/KVA/ | (Rs./kVAh) | (Rs./kVAh) | Charges     | (+)/     |  |  |
|                                  | Consumer | month)              | (Rs./kVAh)* | Consumer                                     | month)   | or         | or         | (Rs./kVAh)  | Decrease |  |  |
|                                  | /month)  |                     | or (Rs/kWh) | /month)                                      |          | (Rs/kWh)   | (Rs/kWh)   | or (Rs/kWh) | (-)      |  |  |
| LT IV (A) - Public Service       | 365      |                     | 8.27        | 385  |          | 5.42       | 1.35       | 6.77        | -18.00%  |  |  |
| (Govt.Edu. Institutes and Hosp.) |          |                     |             |  |          |            |            |             |          |  |  |
| LT IV (B) - Public Service       | 365      |                     | 8.58        | 385  |          | 5.43       | 1.35       | 6.78        | -20.52%  |  |  |
| (Others)                         |          |                     |             |  |          |            |            |             |          |  |  |
| LT V – EV Charging Stations      |          | 70                  | 6.90        |  | 70       | 4.15       | 1.35       | 5.50        | -8.33%   |  |  |

<sup>\*</sup> Existing Variable Charge includes FAC for all categories; Existing Energy Charges for HT category in kVAh terms derived based on category-wise Power Factor

**Annexure 2: Category-wise Tariff for BEST's consumers for FY 2021-22** 

| Consumer Category &  | Revised Applicable Tariff from 1 April, 2021 |  |                                      |  |  |  |  |  |  |
|--|--|--|--------------------------------------|--|--|--|--|--|--|
| Consumption Slab   | Fixed<br>Charge<br>(Rs /<br>Consumer         | Demand<br>Charge<br>(Rs/KVA/<br>month) | Energy<br>Charge<br>(Rs./kVAh)<br>or | Wheeling<br>Charge<br>(Rs./kVAh)<br>or | Total<br>Variable<br>Charges<br>(Rs./kVAh) |  |  |  |  |
| HT. C.   | /month)                                      |  | (Rs/kWh)                             | (Rs/kWh)                               | or (Rs/kWh)                                |  |  |  |  |
| HT Category  |  | 22.5                                   |                                      | 0.50                                   | 6.05                                       |  |  |  |  |
| HT I –Industry   |  | 335                                    | 5.55                                 | 0.50                                   | 6.05                                       |  |  |  |  |
| HT II – Commercial   |  | 335                                    | 5.91                                 | 0.50                                   | 6.41                                       |  |  |  |  |
| HT III - Bulk Supply Residential                               |  | 335                                    | 5.47                                 | 0.50                                   | 5.97                                       |  |  |  |  |
| HT IV - Railways / Metro /<br>Monorail                         |  | 335                                    | 5.40                                 | 0.50                                   | 5.90                                       |  |  |  |  |
| HT V - Public Service (A)                                      |  | 335                                    | 5.18                                 | 0.50                                   | 5.68                                       |  |  |  |  |
| HT V - Public Service (B)                                      |  | 335                                    | 5.62                                 | 0.50                                   | 6.12                                       |  |  |  |  |
| HT – VI – Electric Vehicle<br>Charging Stations                |  | 70                                     | 5.00                                 | 0.50                                   | 5.50                                       |  |  |  |  |
| LT Category  |  |  |                                      |  |  |  |  |  |  |
| LT I - Below Poverty Line                                      | 10   |  | 1.24                                 | 1.44                                   | 2.68                                       |  |  |  |  |
| LT – I - Residential   |  |  |                                      |  |  |  |  |  |  |
| 0-100  | 75   |  | 1.74                                 | 1.44                                   | 3.18                                       |  |  |  |  |
| 101-300  | 115  |  | 4.37                                 | 1.44                                   | 5.81                                       |  |  |  |  |
| 301-500  | 115  |  | 7.21                                 | 1.44                                   | 8.65                                       |  |  |  |  |
| 500 and above  | 140  |  | 8.77                                 | 1.44                                   | 10.21                                      |  |  |  |  |
| LT II (a) Commercial - 0-20 kW                                 | 405  |  | 5.13                                 | 1.44                                   | 6.57                                       |  |  |  |  |
| LT II (b) Commercial - 20-50 kW                                |  | 335                                    | 5.17                                 | 1.44                                   | 6.61                                       |  |  |  |  |
| LT II (c) Commercial - above 50 kW                             |  | 335                                    | 5.53                                 | 1.44                                   | 6.97                                       |  |  |  |  |
| LT III (a) - LT Industrial upto 20 kW                          | 405  |  | 4.75                                 | 1.44                                   | 6.19                                       |  |  |  |  |
| LT III (b) - LT Industrial above 20 kW                         |  | 335                                    | 5.02                                 | 1.44                                   | 6.46                                       |  |  |  |  |
| LT IV (A) - Public Service<br>(Govt.Edu. Institutes and Hosp.) | 405  |  | 5.19                                 | 1.44                                   | 6.63                                       |  |  |  |  |
| LT IV (B) - Public Service (Others)                            | 405  |  | 5.14                                 | 1.44                                   | 6.58                                       |  |  |  |  |
| LT V – EV Charging Stations                                    |  | 70                                     | 4.06                                 | 1.44                                   | 5.50                                       |  |  |  |  |

**Annexure 3: Category-wise Tariff for BEST's consumers for FY 2022-23** 

| Consumer Category &  | Revised Applicable Tariff from 1 April, 2022 |  |  |  |   |  |  |  |  |
|--|--|--|--|--|---|--|--|--|--|
| Consumption Slab   | Fixed Charge (Rs / Consumer /month)          | Demand<br>Charge<br>(Rs/KVA/<br>month) | Energy<br>Charge<br>(Rs./kVAh)<br>or<br>(Rs/kWh) | Wheeling<br>Charge<br>(Rs./kVAh)<br>or<br>(Rs/kWh) | Total Variable Charges (Rs./kVAh) or (Rs/kWh) |  |  |  |  |
| HT Category  | / month)                                     |  | (RS/RVVII)                                       | (143/K VV II)                                      | or (RS/RVVII)                                 |  |  |  |  |
| HT I -Industry   |  | 355                                    | 5.43   | 0.50   | 5.93  |  |  |  |  |
| HT II - Commercial   |  | 355                                    | 5.74   | 0.50   | 6.24  |  |  |  |  |
| HT III - Bulk Supply Residential                               |  | 355                                    | 5.45   | 0.50   | 5.95  |  |  |  |  |
| HT IV - Railways / Metro /<br>Monorail                         |  | 355                                    | 5.46   | 0.50   | 5.96  |  |  |  |  |
| HT V - Public Service (A)                                      |  | 355                                    | 5.16   | 0.50   | 5.66  |  |  |  |  |
| HT V - Public Service (B)                                      |  | 355                                    | 5.59   | 0.50   | 6.09  |  |  |  |  |
| HT – VI – Electric Vehicle<br>Charging Stations                |  | 70                                     | 5.00   | 0.50   | 5.50  |  |  |  |  |
| LT Category  |  |  |  |  |   |  |  |  |  |
| LT I - Below Poverty Line                                      | 10   |  | 1.22   | 1.46   | 2.68  |  |  |  |  |
| LT – I - Residential   |  |  |  |  |   |  |  |  |  |
| 0-100  | 80   |  | 1.72   | 1.46   | 3.18  |  |  |  |  |
| 101-300  | 120  |  | 4.35   | 1.46   | 5.81  |  |  |  |  |
| 301-500  | 120  |  | 7.19   | 1.46   | 8.65  |  |  |  |  |
| 500 and above  | 145  |  | 8.75   | 1.46   | 10.21   |  |  |  |  |
| LT II (a) Commercial - 0-20 kW                                 | 425  |  | 4.92   | 1.46   | 6.38  |  |  |  |  |
| LT II (b) Commercial - 20-50 kW                                |  | 355                                    | 4.96   | 1.46   | 6.42  |  |  |  |  |
| LT II (c) Commercial - above 50 kW                             |  | 355                                    | 5.31   | 1.46   | 6.77  |  |  |  |  |
| LT III (a) - LT Industrial upto 20 kW                          | 425  |  | 4.61   | 1.46   | 6.07  |  |  |  |  |
| LT III (b) - LT Industrial above 20 kW                         |  | 355                                    | 4.88   | 1.46   | 6.34  |  |  |  |  |
| LT IV (A) - Public Service<br>(Govt.Edu. Institutes and Hosp.) | 425  |  | 5.07   | 1.46   | 6.53  |  |  |  |  |
| LT IV (B) - Public Service (Others)                            | 425  |  | 5.03   | 1.46   | 6.49  |  |  |  |  |
| LT V – EV Charging Stations                                    |  | 70                                     | 4.04   | 1.46   | 5.50  |  |  |  |  |

**Annexure 4: Category-wise Tariff for BEST's consumers for FY 2023-24** 

| Consumer Category &  | R                                   | Revised Appli                          | icable Tariff fi                                 | om 1 April, 20                                     | 023   |
|--|-------------------------------------|--|--|--|---|
| Consumption Slab   | Fixed Charge (Rs / Consumer /month) | Demand<br>Charge<br>(Rs/KVA/<br>month) | Energy<br>Charge<br>(Rs./kVAh)<br>or<br>(Rs/kWh) | Wheeling<br>Charge<br>(Rs./kVAh)<br>or<br>(Rs/kWh) | Total Variable Charges (Rs./kVAh) or (Rs/kWh) |
| HT Category  | / month)                            |  | (IXS/K VV II)                                    | (IXS/KVVII)  | or (RS/RVVII)                                 |
| HT I -Industry   |                                     | 375                                    | 5.28   | 0.51   | 5.79  |
| HT II - Commercial   |                                     | 375                                    | 5.53   | 0.51   | 6.04  |
| HT III - Bulk Supply Residential                               |                                     | 375                                    | 5.39   | 0.51   | 5.90  |
| HT IV - Railways / Metro /<br>Monorail                         |                                     | 375                                    | 5.40   | 0.51   | 5.91  |
| HT V - Public Service (A)                                      |                                     | 375                                    | 4.93   | 0.51   | 5.44  |
| HT V - Public Service (B)                                      |                                     | 375                                    | 5.46   | 0.51   | 5.97  |
| HT – VI – Electric Vehicle<br>Charging Stations                |                                     | 70                                     | 4.99   | 0.51   | 5.50  |
| LT Category  |                                     |  |  |  |   |
| LT I - Below Poverty Line                                      | 10                                  |  | 1.21   | 1.47   | 2.68  |
| LT – I - Residential   |                                     |  |  |  |   |
| 0-100  | 85                                  |  | 1.71   | 1.47   | 3.18  |
| 101-300  | 125                                 |  | 4.34   | 1.47   | 5.81  |
| 301-500  | 125                                 |  | 7.18   | 1.47   | 8.65  |
| 500 and above  | 155                                 |  | 8.74   | 1.47   | 10.21   |
| LT II (a) Commercial - 0-20 kW                                 | 450                                 |  | 4.82   | 1.47   | 6.29  |
| LT II (b) Commercial - 20-50 kW                                |                                     | 375                                    | 4.86   | 1.47   | 6.33  |
| LT II (c) Commercial - above 50 kW                             |                                     | 375                                    | 5.20   | 1.47   | 6.67  |
| LT III (a) - LT Industrial upto 20 kW                          | 450                                 |  | 4.51   | 1.47   | 5.98  |
| LT III (b) - LT Industrial above 20 kW                         |                                     | 375                                    | 4.78   | 1.47   | 6.25  |
| LT IV (A) - Public Service<br>(Govt.Edu. Institutes and Hosp.) | 450                                 |  | 4.97   | 1.47   | 6.44  |
| LT IV (B) - Public Service (Others)                            | 450                                 |  | 4.93   | 1.47   | 6.40  |
| LT V – EV Charging Stations                                    |                                     | 70                                     | 4.03   | 1.47   | 5.50  |

**Annexure 5: Category-wise Tariff for BEST's consumers for FY 2024-25** 

| Consumer Category &  | Revised Applicable Tariff from 1 April, 2024 |  |  |  |   |  |  |  |
|--|--|--|--|--|---|--|--|--|
| Consumption Slab   | Fixed Charge (Rs / Consumer /month)          | Demand<br>Charge<br>(Rs/KVA/<br>month) | Energy<br>Charge<br>(Rs./kVAh)<br>or<br>(Rs/kWh) | Wheeling<br>Charge<br>(Rs./kVAh)<br>or<br>(Rs/kWh) | Total Variable Charges (Rs./kVAh) or (Rs/kWh) |  |  |  |
| HT Category  | ,  |  |  | /  |   |  |  |  |
| HT I -Industry   |  | 395                                    | 5.11   | 0.51   | 5.62  |  |  |  |
| HT II - Commercial   |  | 395                                    | 5.35   | 0.51   | 5.86  |  |  |  |
| HT III - Bulk Supply Residential                               |  | 395                                    | 5.34   | 0.51   | 5.85  |  |  |  |
| HT IV - Railways / Metro /<br>Monorail                         |  | 395                                    | 5.35   | 0.51   | 5.86  |  |  |  |
| HT V - Public Service (A)                                      |  | 395                                    | 4.83   | 0.51   | 5.34  |  |  |  |
| HT V - Public Service (B)                                      |  | 395                                    | 5.44   | 0.51   | 5.95  |  |  |  |
| HT – VI – Electric Vehicle<br>Charging Stations                |  | 70                                     | 4.99   | 0.51   | 5.50  |  |  |  |
| LT Category  |  |  |  |  |   |  |  |  |
| LT I - Below Poverty Line                                      | 10   |  | 1.19   | 1.49   | 2.68  |  |  |  |
| LT – I - Residential   |  |  |  |  |   |  |  |  |
| 0-100  | 90   |  | 1.69   | 1.49   | 3.18  |  |  |  |
| 101-300  | 130  |  | 4.32   | 1.49   | 5.81  |  |  |  |
| 301-500  | 130  |  | 7.16   | 1.49   | 8.65  |  |  |  |
| 500 and above  | 165  |  | 8.72   | 1.49   | 10.21   |  |  |  |
| LT II (a) Commercial - 0-20 kW                                 | 475  |  | 4.71   | 1.49   | 6.20  |  |  |  |
| LT II (b) Commercial - 20-50 kW                                |  | 395                                    | 4.78   | 1.49   | 6.27  |  |  |  |
| LT II (c) Commercial - above 50 kW                             |  | 395                                    | 5.12   | 1.49   | 6.61  |  |  |  |
| LT III (a) - LT Industrial upto 20 kW                          | 475  |  | 4.44   | 1.49   | 5.93  |  |  |  |
| LT III (b) - LT Industrial above 20 kW                         |  | 395                                    | 4.67   | 1.49   | 6.16  |  |  |  |
| LT IV (A) - Public Service<br>(Govt.Edu. Institutes and Hosp.) | 475  |  | 4.89   | 1.49   | 6.38  |  |  |  |
| LT IV (B) - Public Service (Others)                            | 475  |  | 4.85   | 1.49   | 6.34  |  |  |  |
| LT V – EV Charging Stations                                    |  | 70                                     | 4.01   | 1.49   | 5.50  |  |  |  |

**Annexure 6: Category-wise Average Billing Rate and Tariff Increase/Reduction** 

|   |          | Ave           | rage Billing  | Rate (Rs./k   | (Wh)          |               | Tariff Increase |               |               |               |               |
|---|----------|---------------|---------------|---------------|---------------|---------------|-----------------|---------------|---------------|---------------|---------------|
| Consumer Categories   |          | Approved      |               |               |               |               | Approved        |               |               |               |               |
| Consumer Categories   | Existing | FY<br>2020-21 | FY<br>2021-22 | FY<br>2022-23 | FY<br>2023-24 | FY<br>2024-25 | FY<br>2020-21   | FY<br>2021-22 | FY<br>2022-23 | FY<br>2023-24 | FY<br>2024-25 |
| HT CATEGORIES   |          |               |               |               |               |               |                 |               |               |               |               |
| HT I - Industry   | 8.90     | 7.09          | 7.08          | 7.03          | 6.96          | 6.87          | -20.4%          | -0.1%         | -0.7%         | -1.0%         | -1.3%         |
| HT II - Commercial  | 9.54     | 7.96          | 7.96          | 7.85          | 7.69          | 7.55          | -16.6%          | -0.1%         | -1.4%         | -2.0%         | -1.8%         |
| HT III - Group Housing Society (Residential)                | 7.92     | 7.02          | 6.96          | 7.03          | 7.05          | 7.10          | -11.3%          | -0.8%         | 0.9%          | 0.4%          | 0.6%          |
| HT IV – Railways, Metro & Mono                              | 8.22     | 7.25          | 7.43          | 7.56          | 7.58          | 7.61          | -11.7%          | 2.4%          | 1.9%          | 0.3%          | 0.4%          |
| HT V - Public Services (A)                                  | 8.52     | 7.14          | 6.96          | 7.00          | 6.81          | 6.77          | -16.2%          | -2.6%         | 0.6%          | -2.6%         | -0.6%         |
| HT V - Public Services (B)                                  | 9.27     | 7.68          | 7.53          | 7.60          | 7.57          | 7.66          | -17.2%          | -1.9%         | 0.9%          | -0.3%         | 1.2%          |
| LT CATEGORIES   |          |               |               |               |               |               |                 |               |               |               |               |
| LT I (B) - Residential                                      | 6.50     | 6.41          | 6.42          | 6.44          | 6.47          | 6.49          | -1.4%           | 0.1%          | 0.4%          | 0.4%          | 0.4%          |
| LT II - Commercial (A) - Upto 20 kW                         | 8.82     | 7.89          | 7.92          | 7.80          | 7.79          | 7.79          | -10.5%          | 0.3%          | -1.5%         | -0.1%         | -0.1%         |
| LT II - Commercial (B) - > 20 kW & < 50kW                   | 9.49     | 8.67          | 8.78          | 8.79          | 8.91          | 9.07          | -8.7%           | 1.2%          | 0.1%          | 1.4%          | 1.8%          |
| LT II - Commercial (C) - > 50kW                             | 9.74     | 8.73          | 8.84          | 8.81          | 8.89          | 9.03          | -10.4%          | 1.2%          | -0.3%         | 0.9%          | 1.5%          |
| LT III (A) - Industry < 20 kW                               | 7.83     | 7.09          | 6.98          | 6.90          | 6.86          | 6.86          | -9.5%           | -1.6%         | -1.2%         | -0.6%         | 0.0%          |
| LT III (B) - Industry > 20kW                                | 8.52     | 8.10          | 8.08          | 8.11          | 8.18          | 8.26          | -4.9%           | -0.1%         | 0.4%          | 0.8%          | 0.9%          |
| LT IX - Public Services (A) Govt.<br>Edu. Inst. & Hospitals | 8.32     | 6.82          | 6.68          | 6.58          | 6.50          | 6.44          | -18.0%          | -2.0%         | -1.5%         | -1.3%         | -0.9%         |
| LT IX - Public Services (B) Others                          | 8.75     | 6.95          | 6.77          | 6.69          | 6.61          | 6.56          | -20.5%          | -2.7%         | -1.2%         | -1.1%         | -0.7%         |

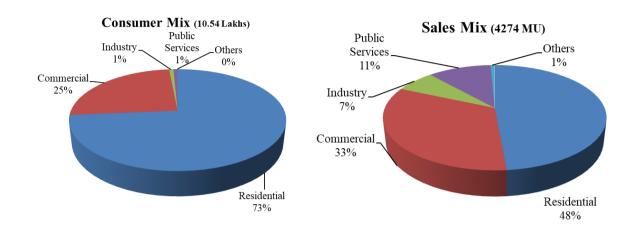
**Annexure 7: Category-wise movement of Cross Subsidy Levels** 

|   | Cross-Subsidy (%) |               |               |               |               |               |  |  |  |
|---|-------------------|---------------|---------------|---------------|---------------|---------------|--|--|--|
| Consumer Categories   |                   | Approved      |               |               |               |               |  |  |  |
| Consumer Categories   | Existing          | FY<br>2020-21 | FY<br>2021-22 | FY<br>2022-23 | FY<br>2023-24 | FY<br>2024-25 |  |  |  |
| HT CATEGORIES   |                   |               |               |               |               |               |  |  |  |
| HT I - Industry   | 134%              | 107%          | 103%          | 101%          | 98%           | 94%           |  |  |  |
| HT II - Commercial  | 144%              | 120%          | 115%          | 113%          | 109%          | 104%          |  |  |  |
| HT III - Group Housing Society (Residential)                | 119%              | 106%          | 101%          | 101%          | 100%          | 97%           |  |  |  |
| HT IV – Railways, Metro & Mono                              | 124%              | 109%          | 108%          | 109%          | 107%          | 104%          |  |  |  |
| HT V - Public Services (A)                                  | 128%              | 108%          | 101%          | 101%          | 96%           | 93%           |  |  |  |
| HT V - Public Services (B)                                  | 140%              | 116%          | 109%          | 109%          | 107%          | 105%          |  |  |  |
| <u>LT CATEGORIES</u>  |                   |               |               |               |               |               |  |  |  |
| LT I (B) - Residential                                      | 98%               | 97%           | 93%           | 93%           | 91%           | 89%           |  |  |  |
| LT II - Commercial (A) - Upto 20 kW                         | 133%              | 119%          | 115%          | 112%          | 110%          | 107%          |  |  |  |
| LT II - Commercial (B) - > 20<br>kW & < 50kW                | 143%              | 131%          | 127%          | 126%          | 126%          | 124%          |  |  |  |
| LT II - Commercial (C) - > 50kW                             | 147%              | 132%          | 128%          | 127%          | 126%          | 124%          |  |  |  |
| LT III (A) - Industry < 20 kW                               | 118%              | 107%          | 101%          | 99%           | 97%           | 94%           |  |  |  |
| LT III (B) - Industry > 20kW                                | 128%              | 122%          | 117%          | 117%          | 116%          | 113%          |  |  |  |
| LT IX - Public Services (A)<br>Govt. Edu. Inst. & Hospitals | 125%              | 103%          | 97%           | 95%           | 92%           | 88%           |  |  |  |
| LT IX - Public Services (B)<br>Others                       | 132%              | 105%          | 98%           | 96%           | 93%           | 90%           |  |  |  |

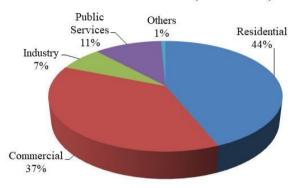
Annexure 8: Key variations between the ARR claimed by BEST and amounts approved by the Commission

| SI.  | Particulars                      | ARR Claimed over the 8-year period from FY 2017-18 to FY 2024-25 |            |            |  |  |  |
|------|----------------------------------|--|------------|------------|--|--|--|
| ~2.0 |                                  | BEST   | Commission | Difference |  |  |  |
|      |                                  | A  | В          | C = B - A  |  |  |  |
| 1    | Total ARR                        | 29,699   | 28,064     | (1,634)    |  |  |  |
|      | Major Heads                      |  |            |            |  |  |  |
| 2    | Power Purchase                   | 19,461   | 19,073     | (388)      |  |  |  |
| 3    | O&M Expenses                     | 5,129  | 4,566      | (563)      |  |  |  |
| 4    | Depreciation                     | 939  | 892        | (47)       |  |  |  |
| 5    | Intra-State Transmission Charges | 2,331  | 1,984      | (347)      |  |  |  |
| 6    | Return on Equity                 | 1,116  | 1,067      | (49)       |  |  |  |
| 7    | Interest on Consumer Security    | 319  | 228        | (91)       |  |  |  |
| ,    | Deposit                          |  |            |            |  |  |  |
| 8    | Non-Tariff Income                | 320  | 433        | 112        |  |  |  |
| 9    | Others                           | 725  | 687        | (38)       |  |  |  |

Annexure 9: Consumer mix, sales mix, and revenue contribution of different consumer categories



## Revenue Contribution (Rs. 3037 Crore)



Residential category comprises 73% of the consumer mix, contributes 48% of the sales, and 44% of the revenue. On the other hand, Commercial category comprises 25% of the consumer mix, contributes 33% of the sales, and 37% of the revenue.