

**CENTRAL ELECTRICITY REGULATORY COMMISSION  
NEW DELHI**

**No.L-1/44/2010-CERC**

**Coram:**

**Shri P.K Pujari, Chairperson  
Dr. M.K. Iyer, Member  
Shri I.S. Jha, Member**

**Date of Order: 08.08.2019**

**In the matter of:**

Determination of Point of Connection (PoC) rates and transmission losses for the period of July to September, 2019 in accordance with Regulation 17(2) of Central Electricity Regulatory Commission (Sharing of Inter State Transmission Charges and Losses) Regulations, 2010 and amendments thereto.

**And in the matter of:**

1. National Load Despatch Centre, New Delhi
2. Central Transmission Utility, New Delhi

**.....Respondents**

**ORDER**

The Central Electricity Regulatory Commission (Sharing of Inter-State Transmission Charges and Losses) Regulations, 2010 (herein after "2010 Sharing Regulations") came in to effect from 1.7.2011.

2 National Load Dispatch Centre as the Implementing Agency has been entrusted with the responsibility for computation of transmission charges and losses for each financial year under the 2010 Sharing Regulations. Further, as per Regulation 17 of the 2010 Sharing Regulations, the Implementing Agency is required to submit the following information after the computation of transmission charges and losses:-



- (a) Approved Basic Network Data and Assumptions, if any;
- (b) Zonal and nodal transmission charges for the ensuing Application Period;
- (c) Zonal and nodal transmission losses data for the ensuing Application Period;
- (d) Schedule of charges payable by each constituent for the ensuing Application Period;
- (e) YTC detail (information submitted by the transmission licensees covered under these Regulation and computation by Implementing Agency);
- (f) Zone wise details of PoC Charges to enable each DIC to see details of transmission lines it is using and whose transmission charges it is sharing.

3. The Implementing Agency vide its letter dated 05.08.2019 has submitted following information in compliance with Regulation 17 of the 2010 Sharing Regulations:-

- (a) Approved Basic Network Data and Assumptions;
- (b) Zonal and nodal transmission charges for the ensuing Application Period;
- (c) Zonal and nodal transmission losses data for the ensuing Application Period;
- (d) Schedule of charges payable by each constituent for the ensuing Application Period;
- (e) Yearly Transmission Charges(YTC) details of ISTS Licensees;
- (f) PoC rates and loss percentage computation details;
- (g) LTA /MTOA and their commencement schedule.

4. We have examined the basic network data and assumptions, the results of the Load Flow Studies, the Yearly Transmission Charges of the ISTS licensees and the calculation of PoC Charges for demand zone and injection zone (for LTA to target



region) submitted by the Implementing Agency. We have also examined the calculation of losses on PoC based on average losses. Final % losses shall be applicable on demand zones and injection zones. We find that the calculations submitted by the Implementing Agency have been done as per 2010 Sharing Regulations and amendments thereof and accordingly, we approve the Basic Network, Load Flow and the Assumptions made for computation of the final PoC rates and final transmission losses, their fitment into slabs and schedule of charges payable by each DIC for the period from July to Sep, 2019, as submitted by Implementing Agency.

5. The Implementing Agency after computation of PoC rates and transmission losses for each injection zone and demand zone has assigned them to different slabs. We have gone through the details furnished by the Implementing Agency and find the same in order. We have also examined the details of PoC losses in percentage for each demand zone (for withdrawal DICs) and injection zone (for injecting DICs) and its applicable slab as per slabs approved by the Commission and have found them to be in order. The total Monthly Transmission Charge (MTC) considered in this quarter is Rs 3155.03 Crores.

6. HVDC Charges for Champa-Kurukshetra HVDC line have been allocated as per CERC Order dated 31.07.2019 in Review Petition No. 20/RP/2018 along with I.A. Nos. 46/IA/2019, 48/IA/2019 and 49/IA/2019 and Review Petition No.3/RP/2019.

7. In the light of the above, we approve the following:-

- (a) The applicable PoC slab rates for Long Term Access (LTA) and Medium Term Open Access (MTOA) in ₹/MW/month for each demand zone (for withdrawal DICs) and injection zone (for injection DICs having LTA to target region) as



per details at Annexure-II. The slabs for POC rates for LTA / MTOA are as follows:-

| PoC Slab | (₹/MW/Month) |
|----------|--------------|
| I        | 449264       |
| II       | 403044       |
| III      | 356823       |
| IV       | 310603       |
| V        | 264383       |
| VI       | 218163       |
| VII      | 171943       |
| VIII     | 125723       |
| IX       | 79503        |

(b) The Generation and Demand figures (MW) considered in base case of PoC Q2 2019 -20 is given in Annexure-I.

(c) The Reliability Support Charges, HVDC Charges for all Regions are given in Annexure-II.

(d) The applicable PoC slab rates for Short Term Open Access (STOA) in paise per unit for each demand zone (for withdrawal DICs) and injection zone (for injecting DICs) are as per the details at Annexure-III to this order. The slabs for POC rates towards STOA are as follows:-

| PoC Slab | (paise/unit) |
|----------|--------------|
| I        | 33.74        |
| II       | 29.53        |
| III      | 25.33        |
| IV       | 21.12        |
| V        | 16.92        |
| VI       | 12.71        |
| VII      | 8.51         |
| VIII     | 4.30         |
| IX       | 0.10         |

(e) Reliability Support Charge Rate in respect of STOA are as per the details at Annexure-III to this order.

(f) Transmission losses as per the details at Annexure-IV. These slabs for each



Region shall be applied based on last week's actual Regional Losses. The slabs of loss are as follows:-

| PoC Losses Slab | % of Losses  |
|-----------------|--------------|
| I               | V +1.00%     |
| II              | V +0.75%     |
| III             | V +0.50%     |
| IV              | V +0.25%     |
| V               | Average Loss |
| VI              | V -0.25%     |
| VII             | V -0.50%     |
| VIII            | V -0.75%     |
| IX              | V -1.00%     |

8. We also direct the Implementing Agency to publish zonal PoC Rates and zonal transmission losses and associated details which will enable a clear understanding of the calculations used for arriving at these rates, along with underlying network information and base load flows used.

9. In order to ensure smooth changeover of short term transactions from the existing rates to the new rates of sharing of transmission charges, we direct that in respect of the applications made for scheduling of bilateral and collective transactions received on or before the date of issue of this order, short-term open access charges would be payable at the rates applicable for the application period from April-June, 2019 (Q1 of 2019 -20) and for applications received after date of issue of this order, the short-term open access charges shall be payable as per the rates approved vide this order. Taking into consideration the application of weekly losses, we direct that the application of the new PoC loss slabs would be made applicable from the Monday immediately following the date of issue of the instant order. The rates/losses as approved vide this order shall remain applicable till notification of the next order.



10. The Implementing Agency is directed to endorse a copy of this order to all DICs and other concerned agencies. The Implementing Agency and the Central Transmission Utility shall also give wide publicity to this order through their websites.

**Sd/-  
(I. S. Jha)  
Member**

**Sd/-  
(Dr. M.K. Iyer)  
Member**

**Sd/-  
(P.K Pujari)  
Chairperson**



## Demand and Generation considered in Base case of POC Q2 2019-20

| Zone Name          | Generation MW)<br>Considered in base<br>case of POC | Demand (MW)<br>Considered in base<br>case of PoC |
|--------------------|---|--|
| ACBIL              | 530   |  |
| AD Hydro           | 190   |  |
| Adhunik Power      | 447   |  |
| Andhra Pradesh     | 6911  | 8289   |
| ANPARA C           | 1082  |  |
| APL Mundra         | 3420  |  |
| Arunachal Pradesh  | 100   | 141  |
| Assam              | 708   | 1673   |
| BALCO              | 384   |  |
| Bangladesh         |   | 800  |
| Barh               | 1119  |  |
| Bbmb               | 2227  |  |
| Bhutan             | 1412  |  |
| Bihar              | 542   | 4973   |
| Bongaigaon_NTPC    | 565   |  |
| CGPL               | 2977  |  |
| Chamera 1          | 487   |  |
| Chamera 2          | 274   |  |
| Chamera 3          | 208   |  |
| Chandigarh         |   | 295  |
| Chattisgarh        | 1890  | 3927   |
| Chujachan          | 92  |  |
| Coastal Energen    | 504   |  |
| Dadra Nagar Haveli |   | 732  |
| Dadri-NCR          | 1354  |  |
| Daman & Diu        |   | 307  |
| DB Power Ltd.      | 812   |  |
| Delhi              | 985   | 5692   |
| Dhariwal           | 246   |  |
| Dikchu HEP         | 86  |  |
| Dulhasti           | 352   |  |
| DVC                | 3934  | 2602   |
| ESIL               |   | 614  |
| Essar Mahan        | 1013  |  |



| <b>Zone Name</b>    | <b>Generation MW)<br/>Considered in base<br/>case of POC</b> | <b>Demand (MW)<br/>Considered in base<br/>case of PoC</b> |
|---------------------|--|---|
| Farakka             | 1775   |   |
| Gadarwada           | 506  |   |
| GMR Chhattishgarh   | 903  |   |
| GMR Warora          | 497  |   |
| Goa SR              |  | 72  |
| Goa                 |  | 488   |
| Gujarat             | 7526   | 15100   |
| Haryana             | 2707   | 9105  |
| Himachal Pradesh    | 1091   | 1323  |
| IL&FS               | 487  |   |
| Jammu & Kashmir     | 1906   | 2165  |
| Jhabua Power        | 511  |   |
| jhajjar             | 1275   |   |
| Jharkhand           | 330  | 1212  |
| Jindal              | 573  |   |
| JITPL               | 451  |   |
| Jorethang           | 87   |   |
| JP Nigrie           | 933  |   |
| JPL Stg-2           | 1029   |   |
| JPL_CPP             | 89   | 89  |
| Kahalgaon           | 1965   |   |
| Kaiga               | 710  |   |
| Kamalanga TPP (GMR) | 574  |   |
| Karcham Wangtoo     | 981  |   |
| Karnataka           | 6974   | 8889  |
| Kerala              | 1404   | 3240  |
| Koldam              | 715  |   |
| Korba               | 2193   |   |
| Koteshwar           | 361  |   |
| KSK Mahanadi        | 1083   |   |
| Kudankulam          | 1245   |   |
| Kudgi STPS          | 1354   |   |
| LANCO               | 517  |   |
| Madhya Pradesh      | 3798   | 8138  |
| Maharashtra         | 13361  | 19169   |
| Manipur             | 94   | 171   |
| Mauda               | 1849   |   |
| MB Power (Anuppur)  | 812  |   |
| Meghalaya           | 275  | 309   |





| <b>Zone Name</b>            | <b>Generation MW)<br/>Considered in base<br/>case of POC</b> | <b>Demand (MW)<br/>Considered in base<br/>case of PoC</b> |
|-----------------------------|--|---|
| Mizoram                     | 61   | 90  |
| MPL                         | 896  |   |
| Nabinagar BRBCL             | 604  |   |
| Nagaland                    | 89   | 126   |
| Naptha Jhakri               | 1448   |   |
| Neyveli-All                 | 1798   |   |
| NSPCL Bhilai                | 394  |   |
| NTECL-VALLUR                | 837  |   |
| Odisha                      | 2932   | 4521  |
| Ostrokutch                  | 84   |   |
| Palatana GBPP               | 613  |   |
| Parbati III                 | 469  |   |
| Pondicherry                 |  | 355   |
| Punjab                      | 5539   | 11127   |
| Rajasthan                   | 8579   | 10398   |
| Ramagundam                  | 2030   |   |
| RAMPUR HEP                  | 399  |   |
| Ranganadi, NEEPCO           | 370  |   |
| RAPP C                      | 397  |   |
| Ratnagiri Dabhol            | 586  |   |
| REWA                        | 149  |   |
| Rihand-G                    | 1903   |   |
| Rihand-WR                   | 630  |   |
| RKM Power                   | 542  |   |
| Rosa                        | 812  |   |
| Sainj HEP                   | 90   |   |
| Sasan UMPP                  | 3040   |   |
| Sembcorp Energy India Ltd.  | 1146   |   |
| Sembcorp Gayatri Power Ltd. | 1140   |   |
| Sholapur STPP               | 586  |   |
| Sikkim                      | 59   | 77  |
| Simhadri I                  | 851  |   |
| Simhadri II                 | 851  |   |
| Singraul                    | 1681   |   |
| Sipat                       | 2534   |   |
| Sks Power                   | 481  |   |
| Spectrum                    | 83   |   |
| Sree Cement                 | 227  |   |
| SSP                         | 361  |   |



| <b>Zone Name</b> | <b>Generation MW)<br/>Considered in base<br/>case of POC</b> | <b>Demand (MW)<br/>Considered in base<br/>case of PoC</b> |
|------------------|--|---|
| Talcher          | 850  |   |
| Talcher Stage II | 1692   |   |
| Tamil Nadu       | 8937   | 13834   |
| Tarapur          | 1173   |   |
| Tashiding HEP    | 90   |   |
| Teesta V         | 460  |   |
| Teesta-III       | 927  |   |
| Tehri            | 924  |   |
| Telangana        | 5426   | 10770   |
| Torrent_GJ       | 805  |   |
| Tripura          | 228  | 414   |
| TRN Energy       | 488  |   |
| Tuticorin TPP    | 848  |   |
| Unchahar         | 1263   |   |
| URI 1 HPS        | 433  |   |
| URI II HPS       | 216  |   |
| Uttar Pradesh    | 8744   | 19892   |
| Uttarakhand      | 1423   | 1906  |
| Vindhyachal      | 4006   |   |
| West Bengal      | 4875   | 8273  |



## Annexure-II

| <b>PoC Rates for LTA/MTOA billing</b>                                   |                       |                                     |  |  |
|---|-----------------------|-------------------------------------|--|--|
| <b>Slabs for PoC Rates-Northern Region (July 2019 - September 2019)</b> |                       |                                     |  |  |
| <b>Sl. No.</b>  | <b>Name of Entity</b> | <b>PoC Slab Rate (Rs./MW/Month)</b> | <b>Reliability Support Charges Rate (Rs./MW/Month)</b> | <b>HVDC Charges Rate for NR (Rs./MW/Month)</b> |
| 1   | Haryana               | 449264                              | 31855  | 44927  |
| 2   | Rajasthan             | 310603                              | 31855  | 44927  |
| 3   | Uttar Pradesh         | 310603                              | 31855  | 44927  |
| 4   | Punjab                | 264383                              | 31855  | 44927  |
| 5   | Delhi                 | 218163                              | 31855  | 44927  |
| 6   | Uttarakhand           | 218163                              | 31855  | 44927  |
| 7   | Anpara-C              | 125723                              | 31855  | 44927  |
| 8   | AD Hydro              | 79503                               | 31855  | 44927  |
| 9   | Chandigarh            | 79503                               | 31855  | 44927  |
| 10  | Himachal Pradesh      | 79503                               | 31855  | 44927  |
| 11  | Jammu & Kashmir       | 79503                               | 31855  | 44927  |

| <b>Slabs for PoC Rates- Southern Region (July 2019 - September 2019)</b> |                               |                                     |  |  |
|--|-------------------------------|-------------------------------------|--|--|
| <b>Sl. No.</b>   | <b>Name of Entity</b>         | <b>PoC Slab Rate (Rs./MW/Month)</b> | <b>Reliability Support Charges Rate (Rs./MW/Month)</b> | <b>HVDC Charges Rate for SR (Rs./MW/Month)</b> |
| 1  | Andhra Pradesh                | 449264                              | 31855  | 17940  |
| 2  | Sembcorp Gayatri Power Ltd    | 356823                              | 31855  | 17940  |
| 3  | Karnataka                     | 310603                              | 31855  | 17940  |
| 4  | Telangana                     | 310603                              | 31855  | 17940  |
| 5  | Sembcorp Energy India Limited | 218163                              | 31855  | 17940  |
| 6  | Kerala                        | 125723                              | 31855  | 17940  |
| 7  | Tamil Nadu                    | 125723                              | 31855  | 17940  |
| 8  | Goa-SR                        | 79503                               | 31855  | 17940  |
| 9  | Pondicherry                   | 79503                               | 31855  | 17940  |



| <b>Slabs for PoC Rates -North Eastern Region (July 2019 - September 2019)</b> |                       |                                     |  |   |
|---|-----------------------|-------------------------------------|--|---|
| <b>Sl. No.</b>  | <b>Name of Entity</b> | <b>PoC Slab Rate (Rs./MW/Month)</b> | <b>Reliability Support Charges Rate (Rs./MW/Month)</b> | <b>HVDC Charges Rate for NER (Rs./MW/Month)</b> |
| 1   | Assam                 | 403044                              | 31855  | 11200   |
| 2   | Nagaland              | 218163                              | 31855  | 11200   |
| 3   | Arunachal Pradesh     | 171943                              | 31855  | 11200   |
| 4   | Manipur               | 171943                              | 31855  | 11200   |
| 5   | Mizoram               | 171943                              | 31855  | 11200   |
| 6   | Meghalaya             | 125723                              | 31855  | 11200   |
| 7   | Tripura               | 79503                               | 31855  | 11200   |

| <b>Slabs for PoC Rates - Western Region (July 2019 - September 2019)</b> |                           |                                  |   |   |  |   |
|--|---------------------------|----------------------------------|---|---|--|---|
| <b>Sl. No.</b>   | <b>Name of Entity</b>     | <b>Slab Rate (Rs./MW/ Month)</b> | <b>Reliability Support Charges Rate (Rs./MW/ Month)</b> | <b>HVDC Charges Rate for WR (Rs./MW/ Month)</b> | <b>HVDC Charges for Mundra - Mohinderghar ( amount payable by M/s Adani for 1495 MW LTA to Haryana) (Rs/Month)</b> | <b>Charges payable towards MTC of PowerGrid Warora Transmission system (Rs/Month)</b> |
| 1  | ACB Ltd                   | 449264                           | 31855   | 11200   |  |   |
| 2  | DB Power                  | 449264                           | 31855   | 11200   |  |   |
| 3  | Jindal Power Limited      | 449264                           | 31855   | 11200   |  |   |
| 4  | Rewa Ultra Mega Solar Ltd | 449264                           | 31855   | 11200   |  |   |
| 5  | Spectrum Coal & Power     | 449264                           | 31855   | 11200   |  |   |
| 6  | TRN Energy Pvt. Ltd.      | 449264                           | 31855   | 11200   |  |   |
| 7  | JPL Stage-II              | 403044                           | 31855   | 11200   |  |   |
| 8  | Maharashtra               | 403044                           | 31855   | 11200   |  |   |
| 9  | DNH                       | 356823                           | 31855   | 11200   |  |   |
| 10   | MB Power                  | 356823                           | 31855   | 11200   |  |   |
| 11   | KSK Mahanadi              | 310603                           | 31855   | 11200   |  |   |
| 12   | Goa-WR                    | 264383                           | 31855   | 11200   |  |   |
| 13   | Gujarat                   | 264383                           | 31855   | 11200   |  |   |
| 14   | D&D                       | 218163                           | 31855   | 11200   |  |   |



| Slabs for PoC Rates - Western Region (July 2019 - September 2019) |                     |                           |  |  |   |  |
|---|---------------------|---------------------------|--|--|---|--|
| Sl. No.   | Name of Entity      | Slab Rate (Rs./MW/ Month) | Reliability Support Charges Rate (Rs./MW/ Month) | HVDC Charges Rate for WR (Rs./MW/ Month) | HVDC Charges for Mundra - Mohindergarh ( amount payable by M/s Adani for 1495 MW LTA to Haryana) (Rs/Month) | Charges payable towards MTC of PowerGrid Warora Transmission system (Rs/Month) |
| 15  | Madhya Pradesh      | 218163                    | 31855  | 11200                                    |   |  |
| 16  | Chhattisgarh        | 171943                    | 31855  | 11200                                    |   |  |
| 17  | Chhattisgarh Inj    | 79503                     | 31855  | 11200                                    |   |  |
| 18  | OstroKutch          | 79503                     | 31855  | 11200                                    |   |  |
| 19  | SUGEN               | 79503                     | 31855  | 11200                                    |   |  |
| 20  | Adani Power Limited |                           |  |  | 347928559   |  |
| 21  | NTPC Gadawara       |                           |  |  |   | 146695833  |



| <b>Slabs for PoC Rates - Eastern Region (July 2019 - September 2019)</b> |                       |                                     |  |  |  |
|--|-----------------------|-------------------------------------|--|--|--|
| <b>Sl. No</b>  | <b>Name of Entity</b> | <b>PoC Slab Rate (Rs./MW/Month)</b> | <b>Reliability Support Charges Rate (Rs./MW/Month)</b> | <b>HVDC Charges Rate for ER (Rs./MW/Month)</b> | <b>Charges payable towards MTC of 400kV Nabinagar-Sasaram (Rs/Month)</b> |
| 1  | Odisha                | 449264                              | 31855  | 11200  |  |
| 2  | GMR Kamalanga         | 403044                              | 31855  | 11200  |  |
| 3  | Jorthang              | 310603                              | 31855  | 11200  |  |
| 4  | Taseding              | 310603                              | 31855  | 11200  |  |
| 5  | West Bengal           | 310603                              | 31855  | 11200  |  |
| 6  | Bihar                 | 264383                              | 31855  | 11200  |  |
| 7  | Jharkhand             | 264383                              | 31855  | 11200  |  |
| 8  | DVC                   | 218163                              | 31855  | 11200  |  |
| 9  | Chujachen             | 171943                              | 31855  | 11200  |  |
| 10   | Bangladesh            | 79503                               | 31855  | 11200  |  |
| 11   | Sikkim                | 79503                               | 31855  | 11200  |  |
| 12   | West Bengal Inj       | 79503                               | 31855  | 11200  |  |
| 13   | NTPC Nabinagar        |                                     |  |  | 14050708   |



## Annexure-III

| PoC Rates for STOA purpose                                       |                       |                           |  |
|--|-----------------------|---------------------------|--|
| Slabs for PoC Rates-Northern Region (July 2019 - September 2019) |                       |                           |  |
| Srl. No.   | Name of Entity        | PoC Slab Rate (paise/kWh) | Reliability Support Charges Rate (paise/kWh) |
| 1  | Haryana Inj           | 33.74                     | 4.42   |
| 2  | Haryana W             | 33.74                     | 4.42   |
| 3  | Rajasthan Inj         | 33.74                     | 4.42   |
| 4  | Uttar Pradesh Inj     | 33.74                     | 4.42   |
| 5  | Uttar Pradesh W       | 25.33                     | 4.42   |
| 6  | Rajasthan W           | 21.12                     | 4.42   |
| 7  | Delhi W               | 16.92                     | 4.42   |
| 8  | Dulhasti              | 16.92                     | 4.42   |
| 9  | Punjab W              | 16.92                     | 4.42   |
| 10   | Rihand                | 16.92                     | 4.42   |
| 11   | Uttarakhand W         | 16.92                     | 4.42   |
| 12   | Chamera I             | 12.71                     | 4.42   |
| 13   | Chamera Pooling Point | 12.71                     | 4.42   |
| 14   | Jammu & Kashmir Inj   | 12.71                     | 4.42   |
| 15   | Karcham Wangtoo       | 12.71                     | 4.42   |
| 16   | Rosa Power            | 12.71                     | 4.42   |
| 17   | Sainj HEP             | 12.71                     | 4.42   |
| 18   | Uri I                 | 12.71                     | 4.42   |
| 19   | Uttarakhand Inj       | 12.71                     | 4.42   |
| 20   | Chamera II            | 8.51                      | 4.42   |
| 21   | Himachal Pradesh Inj  | 8.51                      | 4.42   |
| 22   | Koldam                | 8.51                      | 4.42   |
| 23   | Koteshwar             | 8.51                      | 4.42   |
| 24   | Nathpa Jhakri         | 8.51                      | 4.42   |
| 25   | Parbati-3             | 8.51                      | 4.42   |
| 26   | RAAP C                | 8.51                      | 4.42   |
| 27   | Rampur HEP            | 8.51                      | 4.42   |
| 28   | Singrauli             | 8.51                      | 4.42   |
| 29   | Tehri                 | 8.51                      | 4.42   |
| 30   | Uri II                | 8.51                      | 4.42   |
| 31   | Chandigarh W          | 4.30                      | 4.42   |
| 32   | Delhi Inj             | 4.30                      | 4.42   |
| 33   | Himachal Pradesh W    | 4.30                      | 4.42   |
| 34   | Jammu & Kashmir W     | 4.30                      | 4.42   |
| 35   | Jhajjar               | 4.30                      | 4.42   |
| 36   | Sree Cement           | 4.30                      | 4.42   |
| 37   | Unchahar NTPC         | 4.30                      | 4.42   |
| 38   | BBMB                  | 0.10                      | 4.42   |
| 39   | Chandigarh Inj        | 0.10                      | 4.42   |
| 40   | Dadri                 | 0.10                      | 4.42   |
| 41   | Punjab Inj            | 0.10                      | 4.42   |



| <b>Slabs for PoC Rates-Western Region (July 2019 - September 2019)</b> |                       |                                  |   |
|--|-----------------------|----------------------------------|---|
| <b>Srl. No.</b>  | <b>Name of Entity</b> | <b>PoC Slab Rate (paise/kWh)</b> | <b>Reliability Support Charges Rate (paise/kWh)</b> |
| 1  | Balco                 | 33.74                            | 4.42  |
| 2  | DB Power              | 33.74                            | 4.42  |
| 3  | RKM                   | 33.74                            | 4.42  |
| 4  | SKS Power             | 33.74                            | 4.42  |
| 5  | TRN Energy            | 33.74                            | 4.42  |
| 6  | ACBIL+Spectrum        | 29.53                            | 4.42  |
| 7  | DNH W                 | 29.53                            | 4.42  |
| 8  | GMR Chhattisgarh      | 29.53                            | 4.42  |
| 9  | JPL Stg-1             | 29.53                            | 4.42  |
| 10   | JPL Stg-2             | 29.53                            | 4.42  |
| 11   | Maharashtra W         | 29.53                            | 4.42  |
| 12   | Essar Mahan           | 25.33                            | 4.42  |
| 13   | Jhabua Power          | 25.33                            | 4.42  |
| 14   | KSK Mahanadi          | 25.33                            | 4.42  |
| 15   | Lanco                 | 25.33                            | 4.42  |
| 16   | MB Power              | 25.33                            | 4.42  |
| 17   | SASAN                 | 25.33                            | 4.42  |
| 18   | Sipat                 | 25.33                            | 4.42  |
| 19   | Gadarwada NTPC        | 21.12                            | 4.42  |
| 20   | GMR WARORA            | 21.12                            | 4.42  |
| 21   | Goa-WR W              | 21.12                            | 4.42  |
| 22   | Gujarat W             | 21.12                            | 4.42  |
| 23   | Rihand-WR             | 21.12                            | 4.42  |
| 24   | Vindhyachal           | 21.12                            | 4.42  |
| 25   | D&D W                 | 16.92                            | 4.42  |
| 26   | Dhariwal              | 16.92                            | 4.42  |
| 27   | JP Nigrie             | 16.92                            | 4.42  |
| 28   | Madhya Pradesh W      | 16.92                            | 4.42  |
| 29   | APL Mundra            | 12.71                            | 4.42  |
| 30   | Chhattisgarh W        | 12.71                            | 4.42  |
| 31   | Essar Steel W         | 12.71                            | 4.42  |
| 32   | Korba                 | 12.71                            | 4.42  |
| 33   | Mauda                 | 12.71                            | 4.42  |
| 34   | Madhya Pradesh Inj    | 8.51                             | 4.42  |
| 35   | NSPCL                 | 8.51                             | 4.42  |
| 36   | SSP                   | 8.51                             | 4.42  |
| 37   | CGPL                  | 4.30                             | 4.42  |
| 38   | Chhattisgarh Inj      | 4.30                             | 4.42  |
| 39   | Gujarat Inj           | 4.30                             | 4.42  |
| 40   | Maharashtra Inj       | 4.30                             | 4.42  |
| 41   | RGPPL                 | 4.30                             | 4.42  |
| 42   | Sholapur-NTPC         | 4.30                             | 4.42  |
| 43   | Sugen                 | 4.30                             | 4.42  |
| 44   | TAPS 3&4              | 4.30                             | 4.42  |
| 45   | D&D Inj               | 0.10                             | 4.42  |
| 46   | DNH Inj               | 0.10                             | 4.42  |
| 47   | Essar Steel Inj       | 0.10                             | 4.42  |
| 48   | Goa-WR Inj            | 0.10                             | 4.42  |





| <b>Slabs for PoC Rates-Eastern Region (July 2019 - September 2019)</b> |                       |                                  |   |
|--|-----------------------|----------------------------------|---|
| <b>Srl. No.</b>  | <b>Name of Entity</b> | <b>PoC Slab Rate (paise/kWh)</b> | <b>Reliability Support Charges Rate (paise/kWh)</b> |
| 1  | Odisha Inj            | 33.74                            | 4.42  |
| 2  | Odisha W              | 33.74                            | 4.42  |
| 3  | Talcher-2             | 33.74                            | 4.42  |
| 4  | Teesta III            | 33.74                            | 4.42  |
| 5  | GMR Kamalanga         | 29.53                            | 4.42  |
| 6  | Bhutan Inj            | 25.33                            | 4.42  |
| 7  | BRBCL Nabinagar       | 25.33                            | 4.42  |
| 8  | Dikchu                | 25.33                            | 4.42  |
| 9  | JITPL                 | 25.33                            | 4.42  |
| 10   | West Bengal W         | 25.33                            | 4.42  |
| 11   | Bihar W               | 21.12                            | 4.42  |
| 12   | Jharkhand W           | 21.12                            | 4.42  |
| 13   | Teesta                | 21.12                            | 4.42  |
| 14   | Barh                  | 16.92                            | 4.42  |
| 15   | Sikkim Inj            | 16.92                            | 4.42  |
| 16   | Talcher               | 16.92                            | 4.42  |
| 17   | DVC W                 | 12.71                            | 4.42  |
| 18   | Kahalgaon             | 12.71                            | 4.42  |
| 19   | West Bengal Inj       | 12.71                            | 4.42  |
| 20   | Adhunik Power         | 8.51                             | 4.42  |
| 21   | DVC Inj               | 8.51                             | 4.42  |
| 22   | MPL                   | 8.51                             | 4.42  |
| 23   | Bangladesh W          | 4.30                             | 4.42  |
| 24   | Farakka               | 4.30                             | 4.42  |
| 25   | Bangladesh Inj        | 0.10                             | 4.42  |
| 26   | Bihar Inj             | 0.10                             | 4.42  |
| 27   | Jharkhand Inj         | 0.10                             | 4.42  |
| 28   | Sikkim W              | 0.10                             | 4.42  |



| <b>Slabs for PoC Rates- Southern Region (July 2019 - September 2019)</b> |                             |                                   |   |
|--|-----------------------------|-----------------------------------|---|
| <b>Srl. No.</b>  | <b>Name of Entity</b>       | <b>PoC Slab Rate (paise /kWh)</b> | <b>Reliability Support Charges Rate (paise/kWh)</b> |
| 1  | Andhra Pradesh W            | 33.74                             | 4.42  |
| 2  | Karnataka Inj               | 33.74                             | 4.42  |
| 3  | Tamilnadu Inj               | 33.74                             | 4.42  |
| 4  | Karnataka W                 | 25.33                             | 4.42  |
| 5  | Sembcorp Energy India Ltd.  | 21.12                             | 4.42  |
| 6  | Sembcorp Gayatri Power Ltd. | 21.12                             | 4.42  |
| 7  | Telangana W                 | 21.12                             | 4.42  |
| 8  | IL&FS                       | 12.71                             | 4.42  |
| 9  | Kaiga                       | 12.71                             | 4.42  |
| 10   | NTPL                        | 12.71                             | 4.42  |
| 11   | Coastal Energy              | 8.51                              | 4.42  |
| 12   | Goa-SR W                    | 8.51                              | 4.42  |
| 13   | Kerala W                    | 8.51                              | 4.42  |
| 14   | Kudankulam                  | 8.51                              | 4.42  |
| 15   | Kudgi-NTPC                  | 8.51                              | 4.42  |
| 16   | Simhadri 1                  | 8.51                              | 4.42  |
| 17   | Simhadri 2                  | 8.51                              | 4.42  |
| 18   | Tamilnadu W                 | 8.51                              | 4.42  |
| 19   | Andhra Pradesh Inj          | 4.30                              | 4.42  |
| 20   | NLC                         | 4.30                              | 4.42  |
| 21   | Puducherry W                | 4.30                              | 4.42  |
| 22   | Ramagundam                  | 4.30                              | 4.42  |
| 23   | Telangana Inj               | 4.30                              | 4.42  |
| 24   | Goa-SR Inj                  | 0.10                              | 4.42  |
| 25   | Kerala Inj                  | 0.10                              | 4.42  |
| 26   | Puducherry Inj              | 0.10                              | 4.42  |
| 27   | Vallur                      | 0.10                              | 4.42  |



| <b>Slabs for PoC Rates- North Eastern Region (July 2019 - September 2019)</b> |                       |                                  |   |
|---|-----------------------|----------------------------------|---|
| <b>Srl. No.</b>   | <b>Name of Entity</b> | <b>PoC Slab Rate (paise/kWh)</b> | <b>Reliability Support Charges Rate (paise/kWh)</b> |
| 1   | Bongaigaon-NTPC       | 33.74                            | 4.42  |
| 2   | Assam W               | 29.53                            | 4.42  |
| 3   | Ranganadi             | 29.53                            | 4.42  |
| 4   | Nagaland W            | 16.92                            | 4.42  |
| 5   | Palatana              | 16.92                            | 4.42  |
| 6   | Arunachal Pradesh Inj | 12.71                            | 4.42  |
| 7   | Arunachal Pradesh W   | 12.71                            | 4.42  |
| 8   | Manipur W             | 12.71                            | 4.42  |
| 9   | Mizoram Inj           | 12.71                            | 4.42  |
| 10  | Mizoram W             | 12.71                            | 4.42  |
| 11  | Assam Inj             | 8.51                             | 4.42  |
| 12  | Meghalaya W           | 8.51                             | 4.42  |
| 13  | Tripura W             | 8.51                             | 4.42  |
| 14  | Manipur Inj           | 4.30                             | 4.42  |
| 15  | Nagaland Inj          | 4.30                             | 4.42  |
| 16  | Tripura Inj           | 4.30                             | 4.42  |
| 17  | Meghalaya Inj         | 0.10                             | 4.42  |



| Slabs for PoC Losses-Northern region (July 2019 - September 2019) |                       |                             |
|---|-----------------------|-----------------------------|
| Srl. No.  | Zone                  | Slab w.r.t Weighted Average |
| 1   | RAPP C                | I                           |
| 2   | Chandigarh W          | II                          |
| 3   | Rajasthan W           | III                         |
| 4   | Rihand                | III                         |
| 5   | Uttar Pradesh W       | III                         |
| 6   | Singrauli             | III                         |
| 7   | Uttarakhand W         | IV                          |
| 8   | Rajasthan Inj         | V                           |
| 9   | Uttar Pradesh Inj     | V                           |
| 10  | Himachal Pradesh W    | V                           |
| 11  | Haryana W             | V                           |
| 12  | Himachal Pradesh Inj  | V                           |
| 13  | Punjab W              | V                           |
| 14  | Karcham Wangtoo       | V                           |
| 15  | BBMB                  | V                           |
| 16  | Shree Cement          | VI                          |
| 17  | Tehri                 | VI                          |
| 18  | Koteshwar             | VI                          |
| 19  | Uttarakhand Inj       | VI                          |
| 20  | Rampur HEP            | VI                          |
| 21  | Punjab Inj            | VI                          |
| 22  | Rosa Power            | VI                          |
| 23  | Unchahar              | VI                          |
| 24  | Delhi W               | VII                         |
| 25  | Dulhasti              | VII                         |
| 26  | Parbati III           | VII                         |
| 27  | Jammu & Kashmir Inj   | VII                         |
| 28  | Jammu & Kashmir W     | VII                         |
| 29  | Chamera Pooling Point | VII                         |
| 30  | Chamera I             | VII                         |
| 31  | Chamera II            | VII                         |
| 32  | Nathpa Jhakri         | VII                         |
| 33  | Sainj HEP             | VII                         |
| 34  | Haryana Inj           | VIII                        |
| 35  | Uri I                 | VIII                        |
| 36  | Uri II                | VIII                        |
| 37  | Koldam                | VIII                        |
| 38  | Dadri                 | IX                          |
| 39  | Jhajjar               | IX                          |
| 40  | Delhi Inj             | IX                          |
| 41  | Chandigarh Inj        | IX                          |



**Slabs for PoC Losses- Western Region (July 2019 - September 2019)**

| Srl. No. | Zone                                | Slab w.r.t Weighted Average |
|----------|-------------------------------------|-----------------------------|
| 1        | Chhattisgarh W                      | I                           |
| 2        | Essar Mhan                          | I                           |
| 3        | MB Power                            | II                          |
| 4        | KSK Mahanadi                        | III                         |
| 5        | GMR Warora                          | III                         |
| 6        | DB Power                            | III                         |
| 7        | Korba                               | III                         |
| 8        | ACB+Spectrum Coal and Power Limited | III                         |
| 9        | Vindhyachal                         | III                         |
| 10       | Balco                               | III                         |
| 11       | JPL Stg-2                           | III                         |
| 12       | RKM                                 | III                         |
| 13       | TRN Energy                          | III                         |
| 14       | SKS Power                           | III                         |
| 15       | Goa-WR W                            | IV                          |
| 16       | Lanco                               | IV                          |
| 17       | Sipat                               | IV                          |
| 18       | Chhattisgarh Inj                    | IV                          |
| 19       | Sasan UMPP                          | IV                          |
| 20       | JP Nigrie                           | IV                          |
| 21       | DNH W                               | IV                          |
| 22       | JPL Stg-1                           | IV                          |
| 23       | APL Mundra                          | IV                          |
| 24       | GMR Chhattisgarh                    | IV                          |
| 25       | Dhariwal                            | IV                          |
| 26       | Jhabua Power                        | IV                          |
| 27       | Rihand-WR                           | IV                          |
| 28       | Mauda                               | V                           |
| 29       | NSPCL, Bhilai                       | V                           |
| 30       | Maharashtra W                       | V                           |
| 31       | Coastal Gujarat Power Limited       | V                           |
| 32       | SSP                                 | V                           |
| 33       | Madhya Pradesh W                    | V                           |
| 34       | Gadarwada                           | V                           |
| 35       | Maharashtra Inj                     | VI                          |
| 36       | Gujarat W                           | VI                          |
| 37       | Sholapur NTPC                       | VI                          |
| 38       | Essar Steel W                       | VII                         |
| 39       | D&D W                               | VII                         |
| 40       | Madhya Pradesh Inj                  | VII                         |
| 41       | RGPPL                               | VII                         |
| 42       | Gujarat Inj                         | VIII                        |
| 43       | Tarapur Atomic Power Station 3&4    | VIII                        |
| 44       | Goa-WR Inj                          | IX                          |
| 45       | D&D Inj                             | IX                          |
| 46       | DNH Inj                             | IX                          |
| 47       | Essar Steel Inj                     | IX                          |
| 48       | Sugen                               | IX                          |



| <b>Slabs for PoC Losses-Eastern Region (July 2019 - September 2019)</b> |                       |                                    |
|---|-----------------------|------------------------------------|
| <b>Srl. No.</b>   | <b>Zone</b>           | <b>Slab w.r.t Weighted Average</b> |
| 1   | Odisha W              | III                                |
| 2   | Orissa Inj            | IV                                 |
| 3   | Injection from Bhutan | IV                                 |
| 4   | Teesta                | IV                                 |
| 5   | Talcher Stg-2         | IV                                 |
| 6   | Teesta III            | IV                                 |
| 7   | Dikchu                | IV                                 |
| 8   | Talcher               | V                                  |
| 9   | JITPL                 | V                                  |
| 10  | GMR Kamalanga         | V                                  |
| 11  | West Bengal W         | V                                  |
| 12  | Bihar W               | V                                  |
| 13  | Maithon Power Limited | V                                  |
| 14  | Farakka               | V                                  |
| 15  | Jharkhand W           | V                                  |
| 16  | Sikkim Inj            | V                                  |
| 17  | Barh                  | VI                                 |
| 18  | Kahalgaon             | VI                                 |
| 19  | DVC Inj               | VI                                 |
| 20  | Bihar Inj             | VI                                 |
| 21  | Aadhunik Power        | VI                                 |
| 22  | West Bengal Inj       | VI                                 |
| 23  | BRBCL                 | VI                                 |
| 24  | DVC W                 | VII                                |
| 25  | Jharkhand Inj         | VII                                |
| 26  | Bangladesh W          | VII                                |
| 27  | Sikkim W              | VIII                               |
| 28  | Bangladesh Inj        | IX                                 |



| <b>Slabs for PoC Losses- Southern Region (July 2019 - September 2019)</b> |                             |                                    |
|---|-----------------------------|------------------------------------|
| <b>Srl. No.</b>   | <b>Zone</b>                 | <b>Slab using Weighted Average</b> |
| 1   | Kerala W                    | I                                  |
| 2   | Kaiga                       | I                                  |
| 3   | Coastal Energy              | III                                |
| 4   | NTPL                        | III                                |
| 5   | Karnataka W                 | IV                                 |
| 6   | Karnataka Inj               | IV                                 |
| 7   | Kudankulam                  | IV                                 |
| 8   | Kudgi NTPC                  | IV                                 |
| 9   | Kerala Inj                  | V                                  |
| 10  | Tamilnadu W                 | V                                  |
| 11  | Ramagundam                  | V                                  |
| 12  | NLC                         | V                                  |
| 13  | Telangana W                 | V                                  |
| 14  | IL&FS                       | V                                  |
| 15  | Simhadri 2                  | VI                                 |
| 16  | Andhra Pradesh W            | VI                                 |
| 17  | Thermal Powertech           | VI                                 |
| 18  | Tamilnadu Inj               | VI                                 |
| 19  | Sembcorp Gayatri Power Ltd. | VI                                 |
| 20  | Pondicherry W               | VII                                |
| 21  | Andhra Pradesh Inj          | VII                                |
| 22  | Goa-SR W                    | VII                                |
| 23  | Telangana Inj               | VII                                |
| 24  | Simhadri 1                  | VII                                |
| 25  | Vallur                      | VIII                               |
| 26  | Pondicherry Inj             | IX                                 |
| 27  | Goa-SR Inj                  | IX                                 |



| <b>Slabs for PoC Losses -North Eastern Region (July 2019 - September 2019)</b> |                       |                                    |
|--|-----------------------|------------------------------------|
| <b>Srl. No.</b>  | <b>Zone</b>           | <b>Slab w.r.t Weighted Average</b> |
| 1  | Arunachal Pradesh W   | I                                  |
| 2  | Mizoram Inj           | I                                  |
| 3  | Ranganadi             | I                                  |
| 4  | Mizoram W             | II                                 |
| 5  | Meghalaya W           | IV                                 |
| 6  | Arunachal Pradesh Inj | IV                                 |
| 7  | Assam W               | V                                  |
| 8  | Bongaigaon            | V                                  |
| 9  | Assam Inj             | VI                                 |
| 10   | Palatana              | VI                                 |
| 11   | Manipur W             | VII                                |
| 12   | Nagaland W            | VII                                |
| 13   | Tripura W             | VIII                               |
| 14   | Manipur Inj           | VIII                               |
| 15   | Meghalaya Inj         | VIII                               |
| 16   | Nagaland Inj          | VIII                               |
| 17   | Tripura Inj           | IX                                 |

