



भारत सरकार
Government of India
विद्युत मंत्रालय
Ministry of Power
पूर्वी क्षेत्रीय विद्युत समिति

Eastern Regional Power Committee
14, गोल्फ क्लब रोड, टॉलीगंज, कोलकाता-700033
14 Golf Club Road, Tollygunj, Kolkata-700033



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ISO : 9001-2008

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NO: ERPC/COM-II/ABT-DC/164

Date: 03.05.2021

To: As per List / संलग्न सूची के अनुसार

Sub: Statement of Deviation Charges including Additional Deviation Charges, RRAS & AGC Settlement Account for the period from 12.04.2021 to 18.04.2021 and Adj DSM A/c for 10.03.2021, 18.03.2021 & 23.03.2021.

Sir,

Statement of Deviation charges for the week has been prepared as per CERC(DSM & Related matters) regulation,2014 & all amendments(including 5th Amendment regulation,2019 dated 28.05.2019) & Petition No. 11/SM/2020 dated 29.05.2020.

RRAS Settlement Account for the weeks has been prepared as per the guidelines of Detailed Procedure for Ancillary Services Operation approved by CERC. AGC Settlement Account for the week has been prepared based on the CERC order in petition No. 79/RC/2017, dated 06.12.2017.

The last installment of data for the subjected week has been received from ERLDC on 29.04.2021.

The constituents, who have to pay the Deviation Charges as indicated in the statement, are requested to make the payment to the Deviation Pool account operated by ERLDC within 10 days of the billing date. In case of delayed payments for Deviation charges against these bills beyond 12 days, the defaulting constituents shall have to pay simple interest @0.04 % for each day of delay.

जिन संघ के सदस्यों को विचलन शुल्क का भुगतान करना है, उनसे अनुरोध है कि वे बिलिंग तिथि के 10 दिनों के भीतर ईआरएलडीसी द्वारा संचालित विचलन पूल खाते में भुगतान करें। इन विचलन शुल्क के बिलों के भुगतान में 12 दिनों से अधिक के विलंब की स्थिति में, व्यतिक्रामी घटकों को विलंब के प्रत्येक दिन @ 0.04% का साधारण ब्याज का भुगतान करना होगा।

In case of delay in Payments to/ Receivables from the DSM Pool by the RRAS/AGC providers beyond 12/17 days of the issuance date, the RRAS/AGC providers shall pay to/receive from the DSM Pool Account simple interest @0.04 % for each day of delay.

आरआरएस/एजीसी प्रदाताओं द्वारा डीआरएम पूल से भुगतान / प्राप्ति में देरी की स्थिति में, जारी करने की तारीख से 12 से 17 दिनों के बाद, आरआरएस/एजीसी प्रदाता विलंब के प्रत्येक दिन के लिए डीएसएम पूल खाता@ 0.04% का साधारण ब्याज भुगतान / प्राप्त करेंगे।

Observations, if any, may be intimated to ERPC Secretariat within a fortnight.

यदि कोई अवलोकन हो, पंद्रह दिनों के भीतर ईआरपीसी सचिवालय को सूचित किया जा सकता है।

This is issued with the approval of Member Secretary.

Encl: As above

भवदीय / Yours faithfully,

(S. KEJRIWAL)
SUPERINTENDING ENGINEER

List of Addressee

1. CE (Trans/O&M), BSPTCL, Vidyut Bhavan, Bailey Road, Patna-21. (Fax 0612-2504557)
2. ESE (Interstate), BSPHCL, Vidyut Bhavan, 3rd Floor, Bailey Road, Patna-800 021. (Fax 0612-2504557)
3. CE (Comml & Revenue), JBVNL, Engineering Building, H.E.C. Township, Dhurva, Ranchi-834004, Jharkhand . (Fax : 0651-2490486 / 2400799)
4. GM-cum-CE (Trans), JUSNL, Kusai Colony, Duranda, Ranchi, Jharkhand (Fax:0651-2490486)
5. CE (Comml), DVC, DVC Towers, VIP Road, Kolkata-700 054. (Fax: 033-23552129)
6. CE (SLDC), DVC, P.O.: Danesh Sheikh Lane, Andul Road, Howrah - 71110 9. FAX-033-2688-5094
7. Sr. GM(PP), GRIDCO, 4th floor, Vidyut Bhawan, Janpath, Bhubaneswar-22. (Fax : 0674-2547180/2547261).
8. Sr. GM (PS), OPTCL, SLDC Bldg, PO Mancheswar Rly Colony, Bhubaneswar-17, (Fax: 0674-2748509)
9. Sr. General Manager(Finance), OPGC, Odisha (Fax: 06645 222225)
10. CE (Trans.), Energy & Power Deptt., Govt. of Sikkim, Gangtok.-737 101 (Fax: 03592-201148 / 202927)
11. CE (SLDC), WBSETCL, PO. Danesh Sheikh Lane, Howrah-109. (Fax: 033-26886232)
12. Chief (Finance), NHPC Ltd, Sector-33, Faridabad-121003 (Fax: 0129-2254668)
13. ED (Comml), NHPC Ltd, Sector-33, Faridabad-121003 (Fax No. 0129-2254668)
14. AGM (Comml), NTPC Ltd, Loknayak Jaiprakash Bhawan, 2nd floor, Dak Banglow Chowk, Fraser Road, Patna-800 001. (Fax : 0612-2230035 / 2224287 ,2211807)
15. GM (Comml), NTPC Ltd, 7 Institutional Area, Lodhi Road, New Delhi-3 (Fax: 011-24360318 / 24368417)
16. AGH (Comml), Maithon Power Ltd, MA-5, Gonga, PO: Maithon Dam-828207 (Fax: 06540-276606, 08860004758)
17. DGM (Electrical), APNRL, P.O. kandra, Behind 400kV PGCIL S/s, Tata-Kandra road, Dist: Saraikeela, Kharsanwa (Jharkhand) – 832 105 (FAX: 0657 – 6628440)
18. AGM(Comml.), ER-I, Powergrid, Patna (Fax: 0612 2227630)
19. AGM(Comml.), ER-II, Powergrid, Kolkata (Fax NO. 033 2357 2827)
20. AGM(E&M), GATI Infrastructure Ltd., Sundung, Rongli, East Sikkim, Sikkim-737131(Fax: 08066885455)
21. ED, ERLDC, 14 Golf Club Road, Tollygunge, Kolkata-33 (Fax: 033-24235809)
22. ED, NRLDC, 18A, Shaheed JSS Marg, Katwaria Sarai, New Delhi-110 016. (Fax:011-26852747)
23. GM, SRLDC, 29 Race Course Road, Bangalore-560009 (Fax : 080-22268725).
24. GM, WRLDC, MIDC Area, Marol, Andheri (E), Mumbai-490093 (Fax: 022-28235434)
25. GM, NERLDC, Dongtiah, Lower Nongrah, Laplang, Shillong-793006 (Fax:0364-2537470)
26. GM(Electrical), Ind Barath Energy Utkal Ltd., Vill:Sahajbahal P.O: Charpali-Barpali, Dist:Jharsuguda – 768211 (Fax: 0674-2532174)
27. GM(Power Sales), GMRKEL, Plot no 29, Satya Nagar, Bhubaneswar- 751 007(Fax: 0674- 2572794)
28. Head(Power Sales), JITPL, Local shopping centre, Sector-B1, Vasant kunj, New Delhi- 110 070
29. AGM, SO, NVVN, SCOPE Complex, Core-5, 1st & 2nd Floor, Lodhi Road, New Delhi-110003 (Fax: 011-24367021)
30. Head(Commercial), TPTCL, Tata Power Co Ltd, B12 & 13, 2nd Floor, Shatabdi Bhawan, Sector 4, NOIDA – 201 301 (Fax: 0120-2540085/0050)
31. ED, DANS Energy Pvt Ltd, 5th Floor, Building no.8, Tower-C, DLF Cyber City, Phase-II, GURGAON – 122 002
32. GM, Teesta Urja Limited, 2nd Floor, Vijaya Building. 17, Barakhamba Road. New Delhi – 110001 (Ph. 9810519283; 011- 46529600/46529700)
33. AGM, BRBCL, Nabinagar, Aurangabad BIHAR (Fax : 06332 233002)
34. Director, Shiga Energy Pvt. Ltd., 5th Floor, DLF Building No. 8, Tower-C, DLF Cyber City, Phase-II, Gurgaon – 122002
35. CEO, Sneha Kinetic Power Projects Pvt.Ltd. #31 -A, National Highway, Behind SNOD building,. Deorali, Gangtok, Sikkim-737102

EASTERN REGIONAL POWER COMMITTEE, KOLKATA

ABT based Deviation Charge Account

From 12-04-2021 to 18-04-2021

AS PER 5TH AMENDMENT OF DSM, 2019 W.E.F. 03/06/2019 & 01/12/2020

| UTILITIES AND DEVIATION CHARGES PAYABLE BY THEM | DEVIATION CHARGE (in Rs. Lakhs) | | ADDITIONAL DEVIATION CHARGE DUE TO BLOCKWISE VIOLATION OF VOLUME LIMIT (in Rs. Lakhs.) | ADDITIONAL DEVIATION CHARGE DUE TO VIOLATION OF SIGN CHANGE (in Rs. Lakhs.) | FINAL DEVIATION CHARGE (in Rs. Lakhs) | |
|---|---------------------------------|-------------------|--|---|---------------------------------------|-------------------|
| | Receivable | Payable | | | Receivable | Payable |
| BENEFICIARIES OF EASTERN REGION | | | | | | |
| BSPHCL | | 908.85821 | 269.95798 | 440.71302 | | 1619.52921 |
| JUVNL | | 105.87234 | 7.37281 | 32.16510 | | 145.41025 |
| DVC | | 245.79153 | 24.48310 | 47.45937 | | 317.73400 |
| GRIDCO | | 22.93781 | 11.13674 | 7.47861 | | 41.55316 |
| SIKKIM | 10.46028 | | 0.55901 | 1.06190 | 8.83937 | |
| WBSETCL | | 107.54040 | 24.66050 | 26.42946 | | 158.63036 |
| HVDC SASARAM | 1.29608 | | 0.01291 | 0.00000 | 1.28317 | |
| HVDC ALIPURDUAR | | 0.22219 | 0.02345 | 0.00000 | | 0.24564 |
| CERC REGULATED GENERATORS (CGS/ISGS) | | | | | | |
| FSTPP - I & II | | 48.99981 | 10.82811 | 1.43217 | | 61.26009 |
| FSTPP-III | | 26.23410 | 22.70472 | 0.77284 | | 49.71166 |
| KHSTPP-I | | 63.57868 | 1.26721 | 1.46740 | | 66.31329 |
| KHSTPP-II | | 13.34308 | 0.89138 | 0.63930 | | 14.87376 |
| TSTPP | | 16.51611 | 4.31837 | 0.48102 | | 21.31550 |
| BARH | | 5.89696 | 0.07009 | 0.00000 | | 5.96705 |
| MTPS-II | | 16.11797 | 6.30562 | 0.85686 | | 23.28045 |
| BRBCL | | 14.41403 | 6.50195 | 0.51600 | | 21.43198 |
| TEESTA | 22.75056 | | 12.14399 | 0.00000 | 10.60657 | |
| RANGIT | 0.24069 | | 0.29040 | 0.00000 | | 0.04971 |
| MPL | | 16.80711 | 9.82379 | 0.59497 | | 27.22587 |
| NPGC | 8.54445 | | 0.00000 | 0.00000 | 8.54445 | |
| DARLIPALI | | 32.58919 | 6.23830 | 0.11325 | | 38.94074 |
| OTHER GENERATORS | | | | | | |
| APNRL | 31.41649 | | 0.00000 | 0.00000 | 31.41649 | |
| GMRKEL | 31.50428 | | 0.00000 | 0.00000 | 31.50428 | |
| JITPL | | 22.36096 | 12.15351 | 1.54835 | | 36.06282 |
| CHUZACHEN | 2.50403 | | 0.05114 | 0.00000 | 2.45289 | |
| DIKCHU | | 0.33040 | 0.32456 | 0.00000 | | 0.65496 |
| JORETHANG HEP | | 15.31618 | 0.15678 | 0.00000 | | 15.47296 |
| THEP | | 9.17551 | 0.05834 | 0.00000 | | 9.23385 |
| TUL | | 46.71354 | 2.54946 | 0.00000 | | 49.26300 |
| INTER-REGIONAL | | | | | | |
| NER | 2472.48353 | | | | 2472.48353 | |
| NR | 5512.80845 | | | | 5512.80845 | |
| SR | | 5855.12110 | | | | 5855.12110 |
| WR | 63.41891 | | | | 63.41891 | |
| INTER-NATIONAL | | | | | | |
| NVVN-BD | | 30.97832 | 1.80571 | 0.02063 | | 32.80466 |
| NVVN-NEPAL | | 533.99565 | 270.47409 | 276.17443 | | 1080.64417 |
| TPTCL | | 36.97296 | 0.48062 | | | 37.45358 |
| INFIRM GENERATORS | | | | | | |
| NPGC-INFIRM | | 49.87761 | | | | 49.87761 |
| BARH SG1_INFIRM | | 82.67394 | | | | 82.67394 |
| DARLIPALI_U2_INFIRM | | 53.01630 | | | | 53.01630 |
| SOLAR GENERATORS | | | | | | |
| TALCHER SOLAR | 0.52069 | | | | 0.52069 | |
| Adj of BSPHCL for 100321 | | | | | | 2.16307 |
| Adj of JUVNL for 100321 | | | | | | 1.37627 |
| Adj of DVC for 100321 | | | | | | 0.68137 |
| Adj of GRIDCO for 100321 | | | | | | 1.53186 |
| Adj of SIKKIM for 100321 | | | | | | 0.45302 |
| Adj of WBSETCL for 100321 | | | | | | 0.80645 |
| Adj of TEESTA for 100321 | | | | | 7.97655 | |
| Adj of BSPHCL for 180321 | | | | | 1.63053 | |
| Adj of JUVNL for 180321 | | | | | 1.09399 | |
| Adj of GRIDCO for 180321 | | | | | 0.65028 | |
| Adj of NER for 180321 | | | | | 0.21933 | |
| Adj of WR for 180321 | | | | | | 2.86297 |
| Adj of GRIDCO for 230321 | | | | | | 0.53348 |
| Adj of NR for 230321 | | | | | 0.34307 | |
| TOTAL | 8157.94844 | 8382.25199 | 707.64464 | 839.92468 | 8155.79255 | 9926.16016 |

| | |
|---|-------------------|
| Payable To The Pool (A) : | 8382.25199 |
| Receivable From The Pool (B) : | 8157.94844 |
| Differential Amount Arising from capping of Generating Stations(A-B) : | 224.30355 |
| Additional Deviation Amount : | 1547.56932 |

**EASTERN REGIONAL POWER COMMITTEE
KOLKATA**

- i) For computing Deviation Charge for the week, Korba meter(NP2657A) has been used as master frequency meter.
- ii) **Deviation charges for the week has been calculated as per amendment of CERC (Deviation Settlement Mechanism and related matters) Regulation.Notification no. No.L-1/132/2013/ CERC dated 06.01.14. Amendment as per CERC order dated 20.01.2015 on petition no RP/06/2015, 4th Amendment order dated 20.11.2018, 5th Amendment order dated 28.05.2019 & clause 7.10(b) of DSM 5th Amendment has been incorporated w.e.f. 01.12.2020.**
- iii) ACP values for computation of deviation rate vector has been taken from NLDC website
- iv) The Cap rate for all generators has been fixed at 303.04 paisa/kwh as per DSM 5th amendment'2019.
- v) Additional Deviation Charge due to violation of Block wise volume limit is inclusive of Additional deviation charge due to OD/UI at $f < 49.85\text{Hz}$ & OI/UD at $f \geq 50.10\text{ Hz}$.
- vi) CHPC, KHPC, THPC and Mangdechhu are not covered under ABT. Hence Deviation energy (MWh) of these stations shall be adjusted monthly after getting data from concerned agency.
- vii) The payable/receivable of "Deviation Charge " in respect of Inter-Regional exchanges are settled on first charge basis without any adjustment.
- viii) As informed by ERLDC OPGC (2*660 MW), new Pool Member of ER, has started drawing power from 15.01.18.
- ix) As informed by ERLDC NPGC(NTPC) became a regional entity and DSM pool member wef 10.05.18 as NPGC started drawing start up power wef 10.05.18
- x) As informed by ERLDC DARLIPALI(NTPC) became a regional entity and DSM pool member wef 31.05.18.
- xi) Dagachhu HEP has been considered as pure Run of River without pondage as per TPTCL letter dated 06.02.2019 for computation of ADC due to sign change violation
- xii) As informed by ERLDC one unit of NPGC(1x660 MW) has been scheduled w.e.f. 06.09.2019
- xiii) As informed by ERLDC, NPGC Unit#2 starts drawing Start Up Power w.e.f. 27.08.2019.
- xiv) As informed by ERLDC, BARH Stage-I starts drwaing Start up Power w.e.f 01.02.2020.
- xv) As informed by ERLDC one unit of DARLIPALI has been scheduled w.e.f. 01.03.2020.
- xvi) As informed by ERLDC, DARLIPALI U#2 start drwing start Up power w.e.f. 31.03.2020.**
- xvii) Adj DSM for 10.03.2021 due to GD in TEESTA-V(block-79,80,81) schedule as per ERLDC email dated 21.04.2021**
- xviii) Adj DSM for 18.03.2021 due to change in REMC WR OSTRO-BIHAR/ OSTRO-JHARKHAND/ OSTRO-GRIDCO/ WIND THREE RENERGY-JHARKHAND / WIND FIVE RENERGY-BIHAR (block-55-62,65,73).as per ERLDC email dated 21.04.2021**
- xix) Adj DSM for 23.03.2021 due to change in NR solar to Odisha(L_ER_2015_01 and L_ER_2013_02) block-53-70 as per ERLDC email dated 21.04.2021**

ERPC, Kolkata
Day-wise schedule, actual and Deviation charge statement
 From 12-04-2021 to 18-04-2021

| Date | Constituents | Total Scheduled (MWH) | Total Actual (MWH) | Total AGC (MWH) | Deviation (MWH) | Deviation Charge(Rs.) | Additional Deviation Charge (Volume Limit) in Rs. | Additional Deviation Charge (Sign Change Violation) in Rs. | Total DSM Charges in Rs. |
|------------|---------------------|-----------------------|--------------------|-----------------|-----------------|-----------------------|---|--|--------------------------|
| 2021-04-14 | APNRL | 11521.15 | 11633.382 | 0 | 112.232 | 418139 | 0 | 0 | 418139 |
| 2021-04-14 | NVVN-BD | -20581.48 | -20718.181 | 0 | -136.702 | -470292 | -24005 | 0 | -494297 |
| 2021-04-14 | BARH | 27882.706 | 27844.75 | 0 | -37.956 | -117401 | -5743 | 0 | -123144 |
| 2021-04-14 | BARH SG1_INFIRM | 0 | -310.205 | 0 | -310.205 | -1095315 | 0 | 0 | -1095315 |
| 2021-04-14 | BSPHCL | -99171.651 | -104730.132 | 0 | -5558.481 | -19116081 | -5725824 | -11469648.67 | -36311553.67 |
| 2021-04-14 | BRBCL | 16380 | 16397.963 | 0 | 17.963 | 91457 | 0 | 0 | 91457 |
| 2021-04-14 | CHUZACHEN | 423.9 | 433.382 | 0 | 9.482 | 28047 | -4910 | 0 | 23137 |
| 2021-04-14 | DARLIPALI | 12000 | 11558.661 | 0 | -441.339 | -1245684 | -555822 | 0 | -1801506 |
| 2021-04-14 | DARLIPALI_U2_INFIRM | 0 | -220.666 | 0 | -220.666 | -771039 | 0 | 0 | -771039 |
| 2021-04-14 | DIKCHU | 693.35 | 659.455 | 0 | -33.895 | -34203 | -1928 | 0 | -36131 |
| 2021-04-14 | DVC | 48477.121 | 47604.931 | 0 | -872.189 | -3385927 | -135832 | -203155.6 | -3724914.6 |
| 2021-04-14 | NR | -66154.791 | -36925.403 | 0 | 29229.388 | 100033952 | 0 | 0 | 100033952 |
| 2021-04-14 | NER | -9600.87 | 1536.512 | 0 | 11137.381 | 38969768 | 0 | 0 | 38969768 |
| 2021-04-14 | SR | -38037.286 | -59978.649 | 0 | -21941.364 | -86747250 | 0 | 0 | -86747250 |
| 2021-04-14 | WR | 57093.654 | 52506.309 | 0 | -4587.345 | -9017881 | 0 | 0 | -9017881 |
| 2021-04-14 | FSTPP - I & II | 30914.851 | 30698.144 | 0 | -216.707 | -369149 | 0 | 0 | -369149 |
| 2021-04-14 | FSTPP-III | 9626.009 | 9683.71 | 0 | 57.701 | 177575 | 0 | 0 | 177575 |
| 2021-04-14 | GMRKEL | 15748.8 | 15852.291 | 0 | 103.491 | 401205 | 0 | 0 | 401205 |
| 2021-04-14 | HVDC ALIPURDUAR | -12.762 | -12.793 | 0 | -0.031 | -461 | -414 | 0 | -875 |
| 2021-04-14 | HVDC SASARAM | -25.273 | -20.857 | 0 | 4.416 | 14953 | -261 | 0 | 14692 |
| 2021-04-14 | JUVNL | -26486.611 | -27121.889 | 0 | -635.278 | -2468914 | -179510 | -296269.68 | -2944693.68 |
| 2021-04-14 | JITPL | 16661.528 | 16753.163 | 0 | 91.636 | 238502 | -12549 | -7155.07 | 218797.93 |
| 2021-04-14 | JORETHANG HEP | 450.75 | 303.584 | 0 | -147.166 | -352406 | -2415 | 0 | -354821 |
| 2021-04-14 | KHSTPP-I | 17427.233 | 17047.633 | 0 | -379.6 | -940445 | -24056 | -56426.72 | -1020927.72 |
| 2021-04-14 | KHSTPP-II | 33750.064 | 33742.433 | 0 | -7.63 | 55581 | 0 | 0 | 55581 |
| 2021-04-14 | MPL | 18600.613 | 18709.854 | 0 | 109.242 | 272992 | -17618 | 0 | 255374 |
| 2021-04-14 | MTPS-II | 8414.592 | 8375.184 | 0 | -39.408 | -87072 | 0 | 0 | -87072 |
| 2021-04-14 | NVVN-NEPAL | -5182.048 | -7918.182 | 0 | -2736.134 | -10200622 | -6015945 | -4080248.75 | -20296815.75 |
| 2021-04-14 | NPGC | 14850.021 | 14817.243 | 0 | -32.778 | 63848 | 0 | 0 | 63848 |
| 2021-04-14 | NPGC-INFIRM | 0 | -191.752 | 0 | -191.752 | -672763 | 0 | 0 | -672763 |
| 2021-04-14 | GRIDCO | -33858.522 | -34808.449 | 0 | -949.927 | -1589720 | -723309 | -47691.59 | -2360720.59 |
| 2021-04-14 | RANGIT | 239.75 | 197.207 | 0 | -42.543 | -109725 | -1251 | 0 | -110976 |
| 2021-04-14 | SIKKIM | -1437.305 | -1599.064 | 0 | -161.759 | -529618 | -18088 | -15888.54 | -563594.54 |
| 2021-04-14 | TALCHER SOLAR | 39.195 | 36.231 | 0 | -2.964 | -27777 | 0 | 0 | -27777 |
| 2021-04-14 | TUL | 8765.893 | 8500.145 | 0 | -265.747 | -315273 | -389 | 0 | -315662 |
| 2021-04-14 | TEESTA | 4318 | 3894.691 | 0 | -423.309 | -1071339 | -1195445 | 0 | -2266784 |
| 2021-04-14 | THEP | 430.5 | 351.552 | 0 | -78.948 | -186338 | -655 | 0 | -186993 |
| 2021-04-14 | TPTCL | 600 | 329.635 | 0 | -270.365 | -667310 | -16947 | 0 | -684257 |
| 2021-04-14 | TSTPP | 11119.75 | 10969.903 | 0 | -149.847 | -400623 | -11606 | 0 | -412229 |
| 2021-04-14 | VAE_ER | -390.023 | 0 | 0 | 390.023 | 265715 | 0 | 0 | 265715 |
| 2021-04-14 | WBSETCL | -62276.793 | -63081.44 | 0 | -804.647 | -2568746 | -385445 | -231187.11 | -3185378.11 |
| 2021-04-15 | APNRL | 11572.65 | 11638.691 | 0 | 66.041 | 441337 | 0 | 0 | 441337 |
| 2021-04-15 | NVVN-BD | -20574.874 | -20742.836 | 0 | -167.962 | -532354 | -10619 | 0 | -542973 |
| 2021-04-15 | BARH | 27955.44 | 27834.834 | 0 | -120.606 | -230858 | -606 | 0 | -231464 |
| 2021-04-15 | BARH SG1_INFIRM | 0 | -297.562 | 0 | -297.562 | -1066396 | 0 | 0 | -1066396 |
| 2021-04-15 | BSPHCL | -102924.94 | -108650.9 | 0 | -5725.96 | -19598579 | -6147449 | -11759147.17 | -37505175.17 |
| 2021-04-15 | BRBCL | 16380.003 | 16393.6 | 0 | 13.597 | 152735 | 0 | 0 | 152735 |
| 2021-04-15 | CHUZACHEN | 399.435 | 406.973 | 0 | 7.538 | 27076 | -29 | 0 | 27047 |
| 2021-04-15 | DARLIPALI | 0 | -402.513 | 0 | -402.513 | -942525 | -11950 | 0 | -954475 |
| 2021-04-15 | DARLIPALI_U2_INFIRM | 0 | -191.822 | 0 | -191.822 | -680336 | 0 | 0 | -680336 |
| 2021-04-15 | DIKCHU | 606.625 | 610.364 | 0 | 3.739 | 6079 | -3306 | 0 | 2773 |
| 2021-04-15 | DVC | 42425.76 | 40730.822 | 0 | -1694.938 | -5505670 | -210895 | -495510.33 | -6212075.33 |
| 2021-04-15 | NR | -67079.824 | -40133.672 | 0 | 26946.152 | 97576318 | 0 | 0 | 97576318 |
| 2021-04-15 | NER | -12034.61 | -2408.984 | 0 | 9625.626 | 32325437 | 0 | 0 | 32325437 |
| 2021-04-15 | SR | -9190.875 | -56139.48 | 0 | -46948.605 | -175855490 | 0 | 0 | -175855490 |
| 2021-04-15 | WR | 26281.114 | 51284.196 | 0 | 25003.081 | 91189620 | 0 | 0 | 91189620 |
| 2021-04-15 | FSTPP - I & II | 31721.785 | 31351.041 | 0 | -370.744 | -613433 | -32314 | 0 | -645747 |
| 2021-04-15 | FSTPP-III | 9968.672 | 9988.594 | 0 | 19.922 | 119873 | -10705 | 0 | 109168 |
| 2021-04-15 | GMRKEL | 15748.798 | 15898.691 | 0 | 149.893 | 521350 | 0 | 0 | 521350 |
| 2021-04-15 | HVDC ALIPURDUAR | -12.762 | -12.601 | 0 | 0.161 | 375 | -655 | 0 | -280 |
| 2021-04-15 | HVDC SASARAM | -25.773 | -20.813 | 0 | 4.96 | 16900 | -184 | 0 | 16716 |
| 2021-04-15 | JUVNL | -25179.18 | -26658.856 | 0 | -1479.676 | -5460179 | -157248 | -1911062.69 | -7528489.69 |
| 2021-04-15 | JITPL | 26893.565 | 26868 | 0 | -25.565 | -68721 | -2313 | 0 | -71034 |
| 2021-04-15 | JORETHANG HEP | 414.75 | 358.272 | 0 | -56.478 | -167656 | -97 | 0 | -167753 |
| 2021-04-15 | KHSTPP-I | 17772.208 | 17351.677 | 0 | -420.531 | -1005896 | -24695 | 0 | -1030591 |
| 2021-04-15 | KHSTPP-II | 33750.017 | 33649.416 | 0 | -100.601 | -226939 | 0 | 0 | -226939 |
| 2021-04-15 | MPL | 23625.283 | 23568.4 | 0 | -56.883 | 786 | 0 | 0 | 786 |
| 2021-04-15 | MTPS-II | 8187.107 | 8233.016 | 0 | 45.909 | 73481 | -2706 | 0 | 70775 |
| 2021-04-15 | NVVN-NEPAL | -5172.38 | -7571.273 | 0 | -2398.893 | -9335682 | -4918188 | -5601409.2 | -19855279.2 |
| 2021-04-15 | NPGC | 14850.012 | 14838.419 | 0 | -11.594 | 121708 | 0 | 0 | 121708 |
| 2021-04-15 | NPGC-INFIRM | 0 | -214.019 | 0 | -214.019 | -794726 | 0 | 0 | -794726 |
| 2021-04-15 | GRIDCO | -34982.232 | -34751.711 | 0 | 230.52 | 1441013 | -5574 | -43230.39 | 1392208.61 |
| 2021-04-15 | RANGIT | 436.75 | 490.134 | 0 | 53.384 | 113351 | -16283 | 0 | 97068 |
| 2021-04-15 | SIKKIM | -1584.738 | -1520.568 | 0 | 64.17 | 360261 | 0 | 0 | 360261 |
| 2021-04-15 | TALCHER SOLAR | 36.835 | 34.004 | 0 | -2.832 | -26979 | 0 | 0 | -26979 |
| 2021-04-15 | TUL | 9537.25 | 9406.691 | 0 | -130.559 | -14843 | 0 | 0 | -14843 |
| 2021-04-15 | TEESTA | 5250 | 5484.545 | 0 | 234.545 | 632472 | -882 | 0 | 631590 |
| 2021-04-15 | THEP | 392.5 | 356.448 | 0 | -36.052 | -66887 | -97 | 0 | -66984 |
| 2021-04-15 | TPTCL | 600 | 336.026 | 0 | -263.974 | -633518 | -8512 | 0 | -642030 |
| 2021-04-15 | TSTPP | 10725 | 10728.282 | 0 | 3.282 | 57698 | 0 | 0 | 57698 |
| 2021-04-15 | VAE_ER | -423.298 | 0 | 0 | 423.298 | 76670 | -1300 | 0 | 75370 |
| 2021-04-15 | WBSETCL | -54090.161 | -55090.969 | 0 | -1000.808 | -2606498 | -434657 | -78194.95 | -3119349.95 |

EASTERN REGIONAL POWER COMMITTEE, KOLKATA

RRAS Settlement Report from 12-04-2021 to 18-04-2021

A. Payments to the RRAS Provider(s) from the DSM pool for UP Regulation :

| Sr. No | RRAS Provider | Energy Scheduled (MWH) | Fixed Charges (Rs) (X) | Variable Charges (Rs) (Y) | Markup as per CERC Order (Rs) (Z) | Total Charges (Rs) (X+Y+Z) |
|--------|----------------|------------------------|------------------------|---------------------------|-----------------------------------|----------------------------|
| 1 | BARH | 143.62 | 264261 | 375627 | 71810 | 711698 |
| 2 | BRBCL | 2.94 | 7350 | 6695 | 1470 | 15515 |
| 3 | Darlipali_NTPC | 0 | 0 | 0 | 0 | 0 |
| 4 | FSTPP I & II | 270.5925 | 222968 | 714054 | 135296 | 1072318 |
| 5 | FSTPP-III | 42.035 | 62716 | 108935 | 21018 | 192669 |
| 6 | KHSTPP-I | 43.55 | 45640 | 95028 | 21775 | 162443 |
| 7 | KHSTPP-II | 0 | 0 | 0 | 0 | 0 |
| 8 | MPL | 526.5025 | 749213 | 1149749 | 263251 | 2162213 |
| 9 | MTPS-II | 931.3125 | 2546208 | 2353823 | 465656 | 5365687 |
| 10 | NPGC | 0 | 0 | 0 | 0 | 0 |
| 11 | TSTPP-I | 0 | 0 | 0 | 0 | 0 |
| | Total | 1960.5525 | 3898357 | 4803911 | 980276 | 9682544 |

B. Payments by the RRAS Provider(s) to the DSM pool for DOWN Regulation :

| Sr. No | RRAS Provider | Energy Scheduled (MWH) | Variable Charges (Rs) (X) | Variable Charges Payable to Pool (Rs) (0.75*X) |
|--------|----------------|------------------------|---------------------------|--|
| 1 | BARH | 1636.7425 | 4289902 | 3217427 |
| 2 | BRBCL | 49.9725 | 113887 | 85415 |
| 3 | Darlipali_NTPC | 0 | 0 | 0 |
| 4 | FSTPP I & II | 1262.3175 | 3325840 | 2494380 |
| 5 | FSTPP-III | 34.53 | 89226 | 66919 |
| 6 | KHSTPP-I | 0 | 0 | 0 |
| 7 | KHSTPP-II | 0 | 0 | 0 |
| 8 | MPL | 0 | 0 | 0 |
| 9 | MTPS-II | 157.705 | 410664 | 307998 |
| 10 | NPGC | 0 | 0 | 0 |
| 11 | TSTPP-I | 0 | 0 | 0 |
| | Total | 3141.2675 | 8229518 | 6172139 |

C. Reimbursement of Fixed Charges by RRAS Provider to the Original Beneficiaries:

| Sr. No | RRAS Provider | Energy Scheduled (MWH) | Fixed Charges To Be Refunded (Rs) | To Beneficiary Name |
|--------|---------------|------------------------|-----------------------------------|----------------------|
| 1 | BARH | 143.62 | 105097 | BSPHCL |
| | | | 38100 | HVDC_APD |
| | | | 109544 | JUVNL |
| | | | 11519 | TS TRANSCO |
| 2 | BRBCL | 2.94 | 1151 | Bihar Railways |
| | | | 1381 | Maharashtra Railways |
| | | | 1562 | HARYANA |
| | | | 451 | PUNJAB |
| | | | 137 | RAJASTHAN |
| | | | 562 | Karnataka Railways |
| 3 | FSTPP I & II | 270.5925 | 2107 | MP Railways |
| | | | 37 | Assam |
| | | | 92107 | BSPHCL |
| | | | 3510 | Delhi |
| | | | 276 | HARYANA |
| | | | 11636 | JUVNL |
| | | | 9236 | TS TRANSCO |
| | | | 25583 | UP |
| 4 | FSTPP-III | 42.035 | 74472 | WBSETCL |
| | | | 6111 | WB Solar |
| | | | 11188 | JUVNL |
| | | | 3693 | TS TRANSCO |
| 5 | KHSTPP-I | 43.55 | 46695 | WBSETCL |
| | | | 1140 | WB Solar |
| | | | 1360 | Assam |
| | | | 23458 | Delhi |
| 6 | MPL | 526.5025 | 2557 | HARYANA |
| | | | 18265 | UP |
| 7 | MTPS-II | 931.3125 | 709195 | DVC |
| | | | 40018 | TPDDL |
| | | | 66741 | JUVNL |
| | | | 2150253 | GRIDCO |
| Total | 1960.5525 | 3898357 | 2030 | TS TRANSCO |
| | | | 327184 | WBSETCL |

Notes :

- A) RRAS settlement account for the week 12-04-2021 to 18-04-2021 has been prepared as per the detailed procedure for Ancillary Services Operation as approved by CERC.
- B) Fixed Charges and Variable Charges for RRAS providers have been calculated as per the rates furnished by the respective RRAS providers in Format AS-I and the same published in ERPC website as format AS-3.
- C) Mark Up rate for Regulation Up service has been considered at 50paise/KWh as per CERC order on petition no This is as per Clause 13.6 of the Detailed Procedure for Ancillary Services Operation approved by CERC.01/SM/2016 dated 29.02.2016.
- D) Quantum of Energy scheduled to/from VAE (Virtual Ancillary Entity) from/to concerned RRAS provider during Regulation Up/Regulation Down service has been considered as per the data furnished by ERLDC.
- E) For the purpose of refund of Fixed Charges during Regulation Up service, the total Fixed charges received by the RRAS provider from DSM Pool Account has been apportioned in the ratio of the quantum surrendered by the original beneficiaries.

EASTERN REGIONAL POWER COMMITTEE, KOLKATA
AGC Settlement Account by ERPC from 12-04-2021 to 18-04-2021

Payments to the AGC Provider(s) from the DSM pool

| Sr. No | AGC Provider | UP Regulation due to AGC (MWh) | Down Regulation due to AGC (MWh) | Net Energy (MWh) | Variable Charges (Rs.) | Markup Charges as per CERC Order (Rs.) | Total Charges (Rs.) |
|--------|--------------|--------------------------------|----------------------------------|------------------|------------------------|--|---------------------|
| 1 | BARH | 0.00000 | 0.00000 | 0.00000 | 0 | 0 | 0 |

Notes :

A) (+) means payable from DSM Pool to AGC provider. (-) means payable to DSM Pool by AGC provider.

B) AGC settlement account for the week 12-04-2021 to 18-04-2021 has been prepared based on the CERC order in petition No.79/RC/2017, dated 06.12.2017.

C) The markup rate has been calculated at the rate of 50 Paise/Kwh for Up & Down regulation.

D) Variable Charges for AGC provider has been calculated as per the rate furnished by the respective RRAS providers in Format AS-I and the same published in ERPC website as format AS-3.