



सत्यमेव जयते

भारतसरकार

Government of India

विद्युतमंत्रालय

Ministry of Power

उत्तरक्षेत्रीयविद्युतसमिति

Northern Regional Power Committee

सं. उक्षेविस/वाणिज्यिक/234/ आ.वि.आ.से./2022/6688-6703

दिनांक:02 अगस्त, 2022

No. NRPC/Comml/234/ RRAS/2022/6688-6703

Dated: 02 August, 2022

सेवामें/To,

संलग्न सूची के अनुसार
As per list enclosed

विषय: दिनांक 11 से 17 जुलाई, 2022 के सप्ताह का आरक्षित विनियम आनुषंगिक सेवा लेखा, ए.जी.सी.लेखा तथा एफ. आर. ए.एसलेखा ।

Subject: Accounts of Reserves Regulation Ancillary Services, AGC and FRAS for the week 11th to 17th July, 2022.

(सप्ताह सं. WEEK No. 16/ वि.व. F.Y. 2022-23)

महोदय/Sir,

केंद्रीय विद्युत विनियामक आयोग (आनुषंगिक सेवा प्रचालन विनियम) 2015 व सम्बंधित विस्तृत क्रिया विधि के अनुसार तैयार किये गए दिनांक 11 से 17 जुलाई, 2022 के सप्ताह के आरक्षित विनियम आनुषंगिक सेवा व्यवस्थापन लेखा तथा याचिका संख्या 79/RC/2017 एवं 07/SM/2018 में आयोग के आदेशानुसार तैयार किये गए ए.सी.जी.लेखा तथा एफ.आर.ए.एस लेखा का विवरण संलग्न है।

Please find enclosed herewith the RRAS Settlement Account prepared in accordance with Central Electricity Regulatory Commission (Ancillary Services Operations) Regulations, 2015 and Detailed Procedure for Ancillary Services Operations and Account for A.G.C. and F.R.A.S. in accordance with CERC orders in petition no. 79/RC/2017 and 07/SM/2018, for the 11th to 17th July, 2022.

अनुलग्नक – यथोपरि।

Encl.: As above.

भवदीय

Yours faithfully,

-sd-

(सौमित्र मजूमदार)/ (SaumitraMazumdar)

अधीक्षणअभियंता/ Superintending Engineer

Northern Regional Power Committee

RRAS Settlement Account For The Week 11/07/2022 To 17/07/2022

FORMAT - AS7

A. Payment to the RRAS Provider(s) from the DSM Pool for Up Regulation

| Sr. No. | RRAS Provider Name | Energy scheduled to VAE under RRAS (MWh) | Fixed Charges (Rs) | Variable Charges (Rs) | Markup as per CERC Order (Rs) | Total Charges (Rs) |
|---------|--------------------|--|--------------------|-----------------------|-------------------------------|--------------------|
| 1 | DADRI TPS | 767.5500 | 746826 | 3777887 | 383776 | 4908489 |
| 2 | DADRI-II TPS | 2828.2425 | 3939741 | 13589018 | 1414124 | 18942883 |
| 3 | IGSTPS-JHAJJAR | 2248.0500 | 3630600 | 11370909 | 1124024 | 16125533 |
| 4 | RIHAND STPS | 1116.2000 | 942073 | 1590296 | 558099 | 3090468 |
| 5 | RIHAND-II STPS | 2196.2050 | 1686685 | 3213363 | 1098101 | 5998149 |
| 6 | RIHAND-III STPS | 1880.2900 | 2713259 | 2703548 | 940145 | 6356952 |
| 7 | SINGRAULI STPS | 999.9300 | 654955 | 1464810 | 499965 | 2619730 |
| 8 | TANDA-II STPS | 5620.4425 | 8256430 | 19595203 | 2810221 | 30661854 |
| 9 | UNCHAHAR-I TPS | 647.5850 | 700039 | 2839621 | 323793 | 3863453 |
| 10 | UNCHAHAR-II TPS | 973.8575 | 1067347 | 4264144 | 486930 | 5818421 |
| 11 | UNCHAHAR-III TPS | 598.9200 | 806744 | 2620554 | 299461 | 3726759 |
| 12 | UNCHAHAR-IV TPS | 3103.2650 | 5135903 | 12412774 | 1551633 | 19100310 |
| 13 | ANTA LF | 384.8175 | 272836 | 7872212 | 192409 | 8337457 |
| 14 | ANTA RF | 295.0000 | 209155 | 3964210 | 147500 | 4320865 |
| 15 | AURAIYA CRF | 423.7500 | 269081 | 9092404 | 211875 | 9573360 |
| 16 | AURAIYA RF | 470.0000 | 298450 | 6414560 | 235000 | 6948010 |
| 17 | DADRI CRF | 114.6850 | 66173 | 2252872 | 57342 | 2376387 |
| 18 | DADRI LF | 1552.5700 | 895832 | 37010163 | 776285 | 38682280 |
| 19 | DADRI RF | 742.5525 | 428453 | 9655409 | 371276 | 10455138 |
| Total | | | | | | 201906498 |

Northern Regional Power Committee
RRAS Settlement Account For The Week 11/07/2022 To 17/07/2022
 FORMAT - AS7

B. Payment by the RRAS Provider(s) to the DSM Pool for the Down Regulation

| Sr. No. | RRAS Provider Name | Energy scheduled from VAE under RRAS (MWh) | Total Variable Charges for generation reduced(Rs) | Variable charges to be paid to the DSM Pool(Rs) |
|----------------|---------------------------|---|--|--|
| 1 | DADRI TPS | 2750.2150 | 12863863 | 9647896 |
| 2 | DADRI-II TPS | 5234.4800 | 24122213 | 18091660 |
| 3 | IGSTPS-JHAJJAR | 5936.6725 | 26827195 | 20120395 |
| 4 | RIHAND STPS | 137.0250 | 194438 | 145828 |
| 5 | RIHAND-II STPS | 234.6300 | 347713 | 260785 |
| 6 | RIHAND-III STPS | 119.9900 | 167626 | 125720 |
| 7 | SINGRAULI STPS | 1535.1450 | 2247452 | 1685589 |
| 8 | TANDA-II STPS | 3408.7450 | 13028722 | 9771541 |
| 9 | UNCHAHAR-I TPS | 929.1300 | 3914597 | 2935948 |
| 10 | UNCHAHAR-II TPS | 51.6725 | 238590 | 178943 |
| 11 | UNCHAHAR-III TPS | 32.7075 | 148116 | 111086 |
| 12 | UNCHAHAR-IV TPS | 219.0175 | 884523 | 663392 |
| Total | | | | 63738783 |

Northern Regional Power Committee
RRAS Settlement Account For The Week 11/07/2022 To 17/07/2022
 FORMAT - AS7

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

| Sr. No. | RRAS Provider Name | Energy scheduled to VAE under RRAS (MWh) | Fixed Charges to be refunded (Rs) | To Beneficiary Name |
|---------|--------------------------|--|-----------------------------------|---------------------|
| 1 | DADRI TPS :- | | | |
| | | 550.1638 | 535309 | GUJRAT |
| | | 3.7881 | 3685 | UTTAR PRADESH |
| | | 213.5981 | 207832 | RAJASTHAN |
| | Total | 767.5500 | 746826 | |
| 2 | DADRI-II TPS :- | | | |
| | | 17.5835 | 24494 | CHANDIGARH |
| | | 2096.6008 | 2920566 | HARYANA |
| | | 3.5631 | 4963 | PG-BHIWADI |
| | | 7.7142 | 10745 | PG-KURUKSHETRA |
| | | 0.8216 | 1144 | UTTARAKHAND |
| | | 46.8015 | 65195 | JAMMU AND KASHMIR |
| | | 4.2176 | 5875 | MADHYA PRADESH |
| | | 9.3754 | 13060 | UTTAR PRADESH |
| | | 472.9175 | 658774 | DELHI |
| | | 27.7893 | 38711 | PUNJAB |
| | | 140.8582 | 196214 | RAJASTHAN |
| | Total | 2828.2427 | 3939741 | |
| 3 | IGSTPS-JHAJJAR :- | | | |
| | | 147.2633 | 237831 | CHANDIGARH |
| | | 1193.8697 | 1928096 | HARYANA |
| | | 233.9146 | 377771 | JAMMU AND KASHMIR |
| | | 5.4661 | 8829 | MADHYA PRADESH |
| | | 1.5610 | 2521 | UTTAR PRADESH |
| | | 645.3640 | 1042263 | DELHI |
| | | 20.6124 | 33289 | PUNJAB |
| | Total | 2248.0511 | 3630600 | |
| 4 | RIHAND STPS :- | | | |
| | | 72.4814 | 61175 | CHANDIGARH |
| | | 12.7294 | 10744 | HARYANA |
| | | 7.7707 | 6558 | UTTARAKHAND |
| | | 766.9157 | 647277 | JAMMU AND KASHMIR |
| | | 9.6702 | 8162 | DELHI |

Northern Regional Power Committee

RRAS Settlement Account For The Week 11/07/2022 To 17/07/2022

FORMAT - AS7

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

| Sr. No. | RRAS Provider Name | Energy scheduled to VAE under RRAS (MWh) | Fixed Charges to be refunded (Rs) | To Beneficiary Name |
|---------|---------------------------|--|-----------------------------------|---------------------|
| | | 246.6316 | 208157 | PUNJAB |
| | Total | 1116.1990 | 942073 | |
| 5 | RIHAND-II STPS :- | | | |
| | | 64.7673 | 49741 | CHANDIGARH |
| | | 76.8234 | 59000 | HARYANA |
| | | 1108.7425 | 851514 | JAMMU AND KASHMIR |
| | | 9.9071 | 7609 | DELHI |
| | | 544.2575 | 417990 | PUNJAB |
| | | 391.7074 | 300831 | RAJASTHAN |
| | Total | 2196.2052 | 1686685 | |
| 6 | RIHAND-III STPS :- | | | |
| | | 58.5132 | 84435 | CHANDIGARH |
| | | 83.7772 | 120890 | HARYANA |
| | | 905.0957 | 1306053 | JAMMU AND KASHMIR |
| | | 398.3099 | 574762 | PUNJAB |
| | | 434.5942 | 627119 | RAJASTHAN |
| | Total | 1880.2902 | 2713259 | |
| 7 | SINGRAULI STPS :- | | | |
| | | 32.1226 | 21040 | CHANDIGARH |
| | | 189.4595 | 124096 | HARYANA |
| | | 115.1528 | 75425 | JAMMU AND KASHMIR |
| | | 18.8764 | 12365 | DELHI |
| | | 644.3181 | 422029 | PUNJAB |
| | Total | 999.9294 | 654955 | |
| 8 | TANDA-II STPS :- | | | |
| | | 149.6600 | 219850 | GUJRAT |
| | | 120.8775 | 177568 | CHANDIGARH |
| | | 25.9093 | 38061 | UTTARAKHAND |
| | | 991.0601 | 1455868 | JAMMU AND KASHMIR |
| | | 0.6531 | 959 | HIMACHAL PRADESH |
| | | 28.5165 | 41890 | MADHYA PRADESH |
| | | 1984.8468 | 2915743 | UTTAR PRADESH |
| | | 100.5604 | 147724 | PUNJAB |

Northern Regional Power Committee

RRAS Settlement Account For The Week 11/07/2022 To 17/07/2022

FORMAT - AS7

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

| Sr. No. | RRAS Provider Name | Energy scheduled to VAE under RRAS (MWh) | Fixed Charges to be refunded (Rs) | To Beneficiary Name |
|---------|-----------------------------|--|-----------------------------------|---------------------|
| | | 2218.3581 | 3258767 | RAJASTHAN |
| | Total | 5620.4418 | 8256430 | |
| 9 | UNCHAHAAR-I TPS :- | | | |
| | | 136.0769 | 147099 | GUJRAT |
| | | 10.8374 | 11715 | CHANDIGARH |
| | | 31.9234 | 34510 | HARYANA |
| | | 25.8505 | 27945 | UTTARAKHAND |
| | | 62.9636 | 68063 | JAMMU AND KASHMIR |
| | | 0.0050 | 5 | HIMACHAL PRADESH |
| | | 0.7986 | 864 | MADHYA PRADESH |
| | | 322.2943 | 348399 | UTTAR PRADESH |
| | | 14.4699 | 15642 | DELHI |
| | | 4.2714 | 4617 | PUNJAB |
| | | 38.0942 | 41180 | RAJASTHAN |
| | Total | 647.5852 | 700039 | |
| 10 | UNCHAHAAR-II TPS :- | | | |
| | | 25.7197 | 28188 | CHANDIGARH |
| | | 107.0557 | 117333 | HARYANA |
| | | 7.9651 | 8730 | UTTARAKHAND |
| | | 221.5866 | 242861 | JAMMU AND KASHMIR |
| | | 0.1983 | 217 | HIMACHAL PRADESH |
| | | 1.4053 | 1540 | MADHYA PRADESH |
| | | 77.8942 | 85371 | UTTAR PRADESH |
| | | 41.3911 | 45365 | DELHI |
| | | 241.0090 | 264146 | PUNJAB |
| | | 249.6310 | 273596 | RAJASTHAN |
| | Total | 973.8560 | 1067347 | |
| 11 | UNCHAHAAR-III TPS :- | | | |
| | | 9.0327 | 12167 | CHANDIGARH |
| | | 60.7814 | 81872 | HARYANA |
| | | 8.8888 | 11973 | UTTARAKHAND |
| | | 98.1606 | 132221 | JAMMU AND KASHMIR |
| | | 0.3515 | 473 | HIMACHAL PRADESH |

Northern Regional Power Committee

RRAS Settlement Account For The Week 11/07/2022 To 17/07/2022

FORMAT - AS7

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

| Sr. No. | RRAS Provider Name | Energy scheduled to VAE under RRAS (MWh) | Fixed Charges to be refunded (Rs) | To Beneficiary Name |
|---------|---------------------------|--|-----------------------------------|---------------------|
| | | 1.3724 | 1850 | MADHYA PRADESH |
| | | 110.1389 | 148357 | UTTAR PRADESH |
| | | 33.9765 | 45766 | DELHI |
| | | 89.6275 | 120727 | PUNJAB |
| | | 186.5902 | 251338 | RAJASTHAN |
| | Total | 598.9205 | 806744 | |
| 12 | UNCHAHAR-IV TPS :- | | | |
| | | 58.4734 | 96773 | CHANDIGARH |
| | | 228.0660 | 377449 | HARYANA |
| | | 44.7644 | 74086 | UTTARAKHAND |
| | | 678.0520 | 1122177 | JAMMU AND KASHMIR |
| | | 0.7471 | 1237 | HIMACHAL PRADESH |
| | | 5.1606 | 8540 | MADHYA PRADESH |
| | | 903.3393 | 1495028 | UTTAR PRADESH |
| | | 40.0571 | 66295 | PUNJAB |
| | | 1144.6024 | 1894318 | RAJASTHAN |
| | Total | 3103.2623 | 5135903 | |
| 13 | ANTA GPP:- | | | |
| | | 20.632100 | 14628 | CHANDIGARH |
| | | 11.171800 | 7921 | HARYANA |
| | | 34.889000 | 24736 | UTTARAKHAND |
| | | 79.648400 | 56470 | JAMMU AND KASHMIR |
| | | 1.645000 | 1166 | MADHYA PRADESH |
| | | 172.384600 | 122220 | UTTAR PRADESH |
| | | 68.600100 | 48638 | DELHI |
| | | 13.365200 | 9476 | PUNJAB |
| | Total | 402.336200 | 285255 | |
| 14 | AURAIYA GPP:- | | | |
| | | 22.880000 | 14528 | CHANDIGARH |
| | | 14.478800 | 9194 | HARYANA |
| | | 45.848900 | 29114 | UTTARAKHAND |
| | | 100.993800 | 64131 | JAMMU AND KASHMIR |
| | | 2.056100 | 1306 | MADHYA PRADESH |

Northern Regional Power Committee
RRAS Settlement Account For The Week 11/07/2022 To 17/07/2022

FORMAT - AS7

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

| Sr. No. | RRAS Provider Name | Energy scheduled to VAE under RRAS (MWh) | Fixed Charges to be refunded (Rs) | To Beneficiary Name |
|---------|--------------------|--|-----------------------------------|---------------------|
| | | 316.745000 | 201133 | UTTAR PRADESH |
| | | 97.061200 | 61634 | DELHI |
| | | 17.338800 | 11010 | PUNJAB |
| | Total | 617.402600 | 392050 | |
| 15 | DADRI GPP:- | | | |
| | | 49.734200 | 28696 | CHANDIGARH |
| | | 33.419800 | 19282 | HARYANA |
| | | 94.691100 | 54637 | UTTARAKHAND |
| | | 230.761700 | 133150 | JAMMU AND KASHMIR |
| | | 4.774700 | 2755 | MADHYA PRADESH |
| | | 651.805500 | 376091 | UTTAR PRADESH |
| | | 212.443400 | 122580 | DELHI |
| | | 40.184800 | 23187 | PUNJAB |
| | Total | 1317.815200 | 760378 | |

Northern Regional Power Committee
RRAS Settlement Account For The Week 11/07/2022 To 17/07/2022
D. Payment to the AGC Provider from the DSM Pool

| Sr. No. | Owner Name | AGC Provider Name | 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 | NTPC :- | | | | | | | |
| | | DADRI-II TPS | 716.4803 | 99.5521 | 616.9282 | 2845606 | 408016 | 3253622 |
| | | RIHAND STPS | 49.4954 | 4870.4575 | -4820.9621 | -6893483 | 2459976 | -4433506 |
| | | RIHAND-II STPS | 53.9232 | 5992.9902 | -5939.0670 | -9173856 | 3023457 | -6150399 |
| | | RIHAND-III STPS | 11.4373 | 5374.6802 | -5363.2429 | -8171865 | 2693059 | -5478806 |
| | | SINGRAULI STPS | 33.2921 | 2786.2286 | -2752.9365 | -4035359 | 1409760 | -2625599 |
| | | TANDA-II STPS | 1988.6006 | 2341.6064 | -353.0058 | -182053 | 2165104 | 1983051 |
| | | UNCHAHAAR-II TPS | 2087.8816 | 1197.6688 | 890.2128 | 3826623 | 1642775 | 5469398 |
| | | UNCHAHAAR-III TPS | 577.7193 | 562.9744 | 14.7449 | 81542 | 570347 | 651889 |
| | | UNCHAHAAR-IV TPS | 1311.1408 | 1168.4917 | 142.6491 | 640550 | 1239816 | 1880367 |
| | Total :- | | | | | | | -5449983 |
| 2 | NHPC :- | | | | | | | |
| | | BAIRASIUL HEP | 8.5403 | 35.0488 | -26.5085 | -29690 | 21795 | -7896 |
| | | CHAMERA HEP | 19.2375 | 110.4561 | -91.2186 | -104085 | 64847 | -39239 |
| | | CHAMERA-II HEP | 0.0000 | 0 | 0.0000 | 0 | 0 | 0 |
| | | CHAMERA-III HEP | 70.0712 | 171.0272 | -100.9560 | -198870 | 120549 | -78321 |
| | | DHAULIGANGA HEP | 0.0000 | 0 | 0.0000 | 0 | 0 | 0 |
| | | DULHASTI HEP | 14.0836 | 0 | 14.0836 | 32181 | 7042 | 39223 |
| | Total :- | | | | | | | -86233 |
| 3 | SJVN :- | | | | | | | |
| | | NATHPA JHAKRI HEP | 0.0000 | 0 | 0.0000 | 0 | 0 | 0 |
| | | RAMPUR HEP | 0.0000 | 0 | 0.0000 | 0 | 0 | 0 |
| | Total :- | | | | | | | 0 |
| 4 | THDC :- | | | | | | | |
| | | KOTESHWAR | 491.8245 | 62.6336 | 429.1909 | 993163 | 277229 | 1270392 |
| | | TEHRI HEP | 128.5993 | 418.8730 | -290.2737 | -602316 | 273736 | -328580 |
| | Total :- | | | | | | | 941812 |
| 5 | APCPL :- | | | | | | | |
| | | IGSTPS-JHAJJAR | 1921.7874 | 1989.9710 | -68.1836 | 191695 | 1955879 | 2147575 |
| | Total :- | | | | | | | 2147575 |

Note: Above calculations are based on the directions of Hon'ble CERC in order dated 06.12.2017 in Petition No. 79/RC/2017

Northern Regional Power Committee
RRAS Settlement Account For The Week 11/07/2022 To 17/07/2022

E. Payment to the FRAS Provider from the DSM Pool

| Sr. No. | FRAS Provider Name | Up regulation due to FRAS (MWh) | Down regulation due to FRAS (MWh) | Markup Charges as per CERC order (Rs) |
|----------------|---------------------------|--|--|--|
| 1 | CHAMERA HEP | 0 | 0 | 0 |
| 2 | CHAMERA-II HEP | 0 | 0 | 0 |
| 3 | CHAMERA-III HEP | 0 | 0 | 0 |
| 4 | DEHAR HEP | 0 | 0 | 0 |
| 5 | DULHASTI HEP | 0 | 0 | 0 |
| 6 | KOLDAM HEP | 0 | 0 | 0 |
| 7 | KOTESHWAR | 0 | 0 | 0 |
| 8 | NATHPA JHAKRI HEP | 0 | 0 | 0 |
| 9 | PONG HEP | 0 | 0 | 0 |
| 10 | PARBATI-III | 0 | 0 | 0 |
| 11 | RAMPUR HEP | 0 | 0 | 0 |
| 12 | SEWA-II HEP | 0 | 0 | 0 |
| 13 | TEHRI HEP | 0 | 0 | 0 |
| Total | | | | 0 |

Note: Above calculations are based on the directions of Hon'ble CERC in order dated 16.07.2018 in Petition No. 07/SM/2018