



सत्यमेव जयते

भारतसरकार

Government of India

विद्युतमंत्रालय

Ministry of Power

उत्तरक्षेत्रीयविद्युतसमिति

Northern Regional Power Committee

सं. उक्षेविस/वाणिज्यिक/234/आ.वि.आ.से./2023/2431-2454

No. NRPC/Comml/234/ RRAS/2023/2431-2454

दिनांक: 07 मार्च, 2023

Dated: 07 March, 2023

सेवामें/To,

संलग्न सूची के अनुसार

As per list enclosed

विषय: दिनांक 13 से 19 फरवरी, 2023 के सप्ताह के आरक्षित विनियम आनुषंगिक सेवा विवरण तथा एस.आर.ए.एस. लेखा (सप्ताह सं. 47/ वि.व 2022-23)।

Subject: RRAS statement and SRAS accounts for the week 13th to 19th February 2023.
(week no. 47/ F.Y. 2022-23)

महोदय/Sir,

दिनांक 13 से 19 फरवरी, 2023 के सप्ताह के लिए आरक्षित विनियम आनुषंगिक सेवा विवरण तथा एस.आर.ए.एस. लेखा संलग्न है (प्रति <http://164.100.60.165> पर भी उपलब्ध है)। आरक्षित विनियम आनुषंगिक सेवा विवरण केंद्रीय विद्युत विनियामक आयोग (आनुषंगिक सेवा प्रचालन) विनियम, 2015 व सम्बंधित विस्तृत क्रिया विधि के अनुसार तैयार की गई हैं। एस.आर.ए.एस. लेखा केंद्रीय विद्युत विनियामक आयोग (सहायक सेवा) विनियम, 2022 के अनुसार तैयार किया गया है।

RRAS statement and SRAS account for the week, 13th to 19th February 2023. are enclosed herewith. RRAS statement has been prepared in accordance with Central Electricity Regulatory Commission (Ancillary Services Operations) Regulations, 2015 and Detailed Procedure for Ancillary Services Operations approved by Hon'ble CERC letter dated 21.11.16. SRAS account has been prepared in accordance with Central Electricity Regulatory Commission (Ancillary Services) Regulations, 2022.

अनुलग्नक – यथोपरि।

Encl.: As above.

भवदीय

Yours faithfully,

-sd-

(संतोष कुमार)/ (Santosh Kumar)

अधीक्षण अभियंता/ Superintending Engineer

Northern Regional Power Committee

RRAS Settlement Account For The Week 13/02/2023 To 19/02/2023

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 | 679.8575 | 661503 | 2913807 | 339929 | 3915239 |
| 2 | DADRI-II TPS | 594.3700 | 827958 | 2652976 | 297185 | 3778119 |
| 3 | IGSTPS-JHAJJAR | 432.5800 | 685640 | 1964633 | 216289 | 2866562 |
| 4 | RIHAND STPS | 33.1400 | 27971 | 50694 | 16569 | 95234 |
| 5 | RIHAND-II STPS | 12.5375 | 9628 | 19220 | 6268 | 35116 |
| 6 | RIHAND-III STPS | 16.2350 | 23427 | 24564 | 8118 | 56109 |
| 7 | SINGRAULI STPS | 68.0950 | 44943 | 99408 | 34048 | 178399 |
| 8 | TANDA-II STPS | 2214.3325 | 3252854 | 9213550 | 1107166 | 13573570 |
| 9 | UNCHAHAR-I TPS | 299.0050 | 306182 | 1297585 | 149502 | 1753269 |
| 10 | UNCHAHAR-II TPS | 326.3425 | 357671 | 1186407 | 163171 | 1707249 |
| 11 | UNCHAHAR-III TPS | 270.1125 | 322244 | 1162185 | 135055 | 1619484 |
| 12 | UNCHAHAR-IV TPS | 1173.2600 | 1941746 | 4937494 | 586628 | 7465868 |
| 13 | ANTA LF | 498.7500 | 353614 | 8492715 | 249375 | 9095704 |
| 14 | ANTA RF | 635.2500 | 450392 | 7762755 | 317625 | 8530772 |
| 15 | AURAIYA LF | 421.8600 | 267881 | 7453844 | 210930 | 7932655 |
| 16 | AURAIYA RF | 1910.8325 | 1213378 | 24428962 | 955416 | 26597756 |
| 17 | DADRI CRF | 117.7125 | 60622 | 2592265 | 58856 | 2711743 |
| 18 | DADRI LF | 1589.3425 | 818511 | 39549199 | 794671 | 41162381 |
| 19 | DADRI RF | 1334.8550 | 687451 | 15828710 | 667428 | 17183589 |
| Total | | | | | | 150258818 |

Northern Regional Power Committee
RRAS Settlement Account For The Week 13/02/2023 To 19/02/2023
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 | 6427.5950 | 30808322 | 23106243 |
| 2 | DADRI-II TPS | 4274.9900 | 19643976 | 14732982 |
| 3 | IGSTPS-JHAJJAR | 5489.4525 | 24904645 | 18678485 |
| 4 | TANDA-II STPS | 169.4000 | 638516 | 478888 |
| 5 | UNCHAHAR-I TPS | 227.7650 | 1019387 | 764541 |
| 6 | UNCHAHAR-II TPS | 43.8875 | 156879 | 117659 |
| 7 | UNCHAHAR-III TPS | 117.2175 | 521453 | 391090 |
| 8 | UNCHAHAR-IV TPS | 47.1850 | 193044 | 144782 |
| Total | | | | 58414670 |

Northern Regional Power Committee

RRAS Settlement Account For The Week 13/02/2023 To 19/02/2023

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 :- | | | |
| | | 494.9721 | 481608 | GUJRAT |
| | | 184.8854 | 179895 | UTTAR PRADESH |
| | Total | 679.8575 | 661503 | |
| 2 | DADRI-II TPS :- | | | |
| | | 18.2100 | 25367 | CHANDIGARH |
| | | 203.8301 | 283935 | DELHI |
| | | 0.3624 | 505 | PUNJAB |
| | | 2.8525 | 3973 | PG-BHIWADI |
| | | 20.5430 | 28616 | PG-KURUKSHETRA |
| | | 3.5609 | 4960 | UTTARAKHAND |
| | | 345.0120 | 480602 | UTTAR PRADESH |
| | Total | 594.3709 | 827958 | |
| 3 | IGSTPS-JHAJJAR :- | | | |
| | | 71.2546 | 112939 | CHANDIGARH |
| | | 222.9417 | 353363 | DELHI |
| | | 137.1138 | 217325 | HARYANA |
| | | 1.2700 | 2013 | UTTARAKHAND |
| | Total | 432.5801 | 685640 | |
| 4 | RIHAND STPS :- | | | |
| | | 0.2083 | 176 | BANGLADESH |
| | | 17.4667 | 14743 | CHANDIGARH |
| | | 8.2841 | 6991 | DELHI |
| | | 0.3058 | 258 | HIMACHAL PRADESH |
| | | 0.5416 | 457 | HARYANA |
| | | 0.8224 | 694 | JAMMU AND KASHMIR |
| | | 0.9507 | 802 | PUNJAB |
| | | 0.0067 | 6 | PG-RIHAND |
| | | 1.3807 | 1165 | RAJASTHAN |
| | | 0.3341 | 282 | UTTARAKHAND |
| | | 2.8389 | 2397 | UTTAR PRADESH |
| | Total | 33.1400 | 27971 | |
| 5 | RIHAND-II STPS :- | | | |

Northern Regional Power Committee

RRAS Settlement Account For The Week 13/02/2023 To 19/02/2023

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 |
|---------|---------------------------|--|-----------------------------------|---------------------|
| | | 12.5375 | 9628 | CHANDIGARH |
| | Total | 12.5375 | 9628 | |
| 6 | RIHAND-III STPS :- | | | |
| | | 16.2350 | 23427 | CHANDIGARH |
| | Total | 16.2350 | 23427 | |
| 7 | SINGRAULI STPS :- | | | |
| | | 0.0175 | 11 | BANGLADESH |
| | | 0.0016 | 1 | CHANDIGARH |
| | | 67.4471 | 44515 | DELHI |
| | | 0.0703 | 47 | HARYANA |
| | | 0.0201 | 13 | JAMMU AND KASHMIR |
| | | 0.0732 | 49 | PUNJAB |
| | | 0.1555 | 102 | RAJASTHAN |
| | | 0.0344 | 23 | UTTARAKHAND |
| | | 0.2753 | 182 | UTTAR PRADESH |
| | Total | 68.0950 | 44943 | |
| 8 | TANDA-II STPS :- | | | |
| | | 62.5914 | 91947 | CHANDIGARH |
| | | 0.9650 | 1418 | HIMACHAL PRADESH |
| | | 46.8978 | 68893 | UTTARAKHAND |
| | | 2103.8783 | 3090596 | UTTAR PRADESH |
| | Total | 2214.3325 | 3252854 | |
| 9 | UNCHAHAAR-I TPS :- | | | |
| | | 14.0752 | 14413 | CHANDIGARH |
| | | 17.3205 | 17737 | DELHI |
| | | 46.1194 | 47227 | GUJRAT |
| | | 0.0021 | 2 | HIMACHAL PRADESH |
| | | 18.5352 | 18980 | HARYANA |
| | | 0.1578 | 162 | JAMMU AND KASHMIR |
| | | 0.1325 | 135 | PUNJAB |
| | | 0.0967 | 99 | RAJASTHAN |
| | | 43.7545 | 44805 | UTTARAKHAND |
| | | 158.8110 | 162622 | UTTAR PRADESH |

Northern Regional Power Committee
RRAS Settlement Account For The Week 13/02/2023 To 19/02/2023

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 |
|---------|----------------------------|--|-----------------------------------|---------------------|
| | Total | 299.0049 | 306182 | |
| 10 | UNCHAHAR-II TPS :- | | | |
| | | 36.3606 | 39851 | CHANDIGARH |
| | | 75.9251 | 83214 | DELHI |
| | | 1.9123 | 2096 | HIMACHAL PRADESH |
| | | 38.1303 | 41792 | UTTARAKHAND |
| | | 174.0131 | 190718 | UTTAR PRADESH |
| | Total | 326.3414 | 357671 | |
| 11 | UNCHAHAR-III TPS :- | | | |
| | | 9.9086 | 11821 | CHANDIGARH |
| | | 27.6654 | 33004 | DELHI |
| | | 0.1241 | 148 | HIMACHAL PRADESH |
| | | 11.9073 | 14206 | HARYANA |
| | | 0.2982 | 356 | JAMMU AND KASHMIR |
| | | 2.8458 | 3395 | PUNJAB |
| | | 0.6001 | 716 | RAJASTHAN |
| | | 9.6580 | 11522 | UTTARAKHAND |
| | | 207.1054 | 247076 | UTTAR PRADESH |
| | Total | 270.1129 | 322244 | |
| 12 | UNCHAHAR-IV TPS :- | | | |
| | | 43.9172 | 72684 | CHANDIGARH |
| | | 0.6388 | 1057 | DELHI |
| | | 0.2408 | 399 | HIMACHAL PRADESH |
| | | 49.0093 | 81110 | HARYANA |
| | | 3.2758 | 5421 | JAMMU AND KASHMIR |
| | | 0.9459 | 1566 | PUNJAB |
| | | 5.2825 | 8743 | RAJASTHAN |
| | | 81.8148 | 135403 | UTTARAKHAND |
| | | 988.1341 | 1635363 | UTTAR PRADESH |
| | Total | 1173.2592 | 1941746 | |
| 13 | ANTA GPP:- | | | |
| | | 28.429500 | 20157 | CHANDIGARH |
| | | 140.353900 | 99511 | DELHI |

Northern Regional Power Committee
RRAS Settlement Account For The Week 13/02/2023 To 19/02/2023
 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 |
|---------|----------------------|--|-----------------------------------|---------------------|
| | | 257.401500 | 182498 | JAMMU AND KASHMIR |
| | | 53.272600 | 37770 | UTTARAKHAND |
| | | 278.529700 | 197477 | UTTAR PRADESH |
| | Total | 757.987200 | 537413 | |
| 14 | AURAIYA GPP:- | | | |
| | | 52.622000 | 33414 | CHANDIGARH |
| | | 304.929600 | 193629 | DELHI |
| | | 583.282500 | 370384 | JAMMU AND KASHMIR |
| | | 124.165800 | 78844 | UTTARAKHAND |
| | | 947.795500 | 601850 | UTTAR PRADESH |
| | Total | 2012.795400 | 1278121 | |
| 15 | DADRI GPP:- | | | |
| | | 66.028100 | 34005 | CHANDIGARH |
| | | 447.611200 | 230519 | DELHI |
| | | 800.587200 | 412303 | JAMMU AND KASHMIR |
| | | 148.956300 | 76713 | UTTARAKHAND |
| | | 1163.347700 | 599124 | UTTAR PRADESH |
| | Total | 2626.530500 | 1352664 | |

Northern Regional Power Committee

RRAS Settlement Account For The Week 13/02/2023 To 19/02/2023

D. Payment to the SRAS Provider from the DSM Pool

FORMAT - SRAS1

| Sr. No. | Owner Name | SRAS Provider Name | SRAS Up (MWh) | SRAS Down (MWh) | Net Energy (MWh) | Energy charges/ Compensation charges (Rs) | Incentive (Rs) | Total Charges (Rs) |
|---------|-----------------|--------------------|---------------|-----------------|------------------|---|----------------|--------------------|
| 1 | NTPC :- | | | | | | | |
| | | AURAIYA GPP | 0.0000 | 0 | 0.0000 | 0 | 0 | 0 |
| | | DADRI GPP | 0.0000 | 0 | 0.0000 | 0 | 0 | 0 |
| | | DADRI TPS | 2360.0823 | 1048.1877 | 1311.8946 | 6306964 | 1267504 | 7574469 |
| | | DADRI-II TPS | 1750.3539 | 2280.0103 | -529.6564 | -2189084 | 1125878 | -1063207 |
| | | RIHAND STPS | 16.2171 | 3690.7905 | -3674.5734 | -5603439 | 1853504 | -3749936 |
| | | RIHAND-II STPS | 47.6764 | 3613.8767 | -3566.2003 | -5422899 | 1722771 | -3700128 |
| | | RIHAND-III STPS | 76.9533 | 1867.6664 | -1790.7131 | -2688064 | 805942 | -1882122 |
| | | SINGRAULI STPS | 62.0359 | 4183.6810 | -4121.6451 | -6073481 | 2075174 | -3998307 |
| | | TANDA-II STPS | 754.1792 | 4001.4305 | -3247.2513 | -12544304 | 2262390 | -10281915 |
| | | UNCHAHAR-II TPS | 138.0082 | 807.3484 | -669.3402 | -2353017 | 472678 | -1880339 |
| | | UNCHAHAR-III TPS | 501.9021 | 420.2890 | 81.6131 | 509836 | 267211 | 777047 |
| | | UNCHAHAR-IV TPS | 1291.1030 | 937.3095 | 353.7935 | 1651504 | 853174 | 2504678 |
| | Total :- | | | | | | | -15699760 |
| 2 | NHPC :- | | | | | | | |
| | | BAIRASIUL HEP | 0.0000 | 0 | 0.0000 | 0 | 0 | 0 |
| | | CHAMERA HEP | 0.0000 | 0 | 0.0000 | 0 | 0 | 0 |
| | | CHAMERA-II HEP | 2.3479 | 948.4336 | -946.0857 | -950814 | 475391 | -475423 |
| | | CHAMERA-III HEP | 12.9171 | 373.8350 | -360.9179 | -711009 | 193376 | -517633 |
| | | DHAULIGANGA HEP | 24.2203 | 89.7106 | -65.4903 | -78587 | 53435 | -25152 |
| | | DULHASTI HEP | 0.0000 | 0 | 0.0000 | 0 | 0 | 0 |
| | | SEWA-II HEP | 54.9397 | 2047.0170 | -1992.0773 | -5275020 | 917296 | -4357724 |
| | Total :- | | | | | | | -5375932 |
| 3 | SJVN :- | | | | | | | |
| | | NATHPA JHAKRI HEP | 542.1487 | 583.4357 | -41.2870 | -48801 | 428077 | 379276 |
| | | RAMPUR HEP | 146.3797 | 157.5277 | -11.1480 | -23243 | 115581 | 92337 |
| | Total :- | | | | | | | 471613 |
| 4 | THDC :- | | | | | | | |
| | | KOTESHWAR | 392.1687 | 30.5366 | 361.6321 | 998484 | 131359 | 1129843 |
| | | TEHRI HEP | 258.5898 | 563.7599 | -305.1701 | -633227 | 328940 | -304287 |
| | Total :- | | | | | | | 825556 |
| 5 | APCPL :- | | | | | | | |
| | | IGSTPS-JHAJJAR | 1419.3079 | 2453.3413 | -1034.0334 | -4691660 | 1748094 | -2943566 |

Northern Regional Power Committee
RRAS Settlement Account For The Week 13/02/2023 To 19/02/2023

E. Actual Performance of SRAS Providers

FORMAT - SRAS2

| Sr. No. | SRAS Provider(s) | 13-02-2023 | 14-02-2023 | 15-02-2023 | 16-02-2023 | 17-02-2023 | 18-02-2023 | 19-02-2023 | Remarks (Disqualification period) |
|---------|-------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|-----------------------------------|
| | | Actual Performance | Actual Performance | Actual Performance | Actual Performance | Actual Performance | Actual Performance | Actual Performance | |
| 1 | SINGRAULI STPS | 95.3 | 101.7 | 100.1 | 99.3 | 98.4 | 98.7 | 92.3 | |
| 2 | KOTESHWAR | 100.9 | 40.9 | 40.8 | 97.8 | 92.5 | 76.3 | 93.9 | |
| 3 | RIHAND-III STPS | 88.7 | 84.8 | 90.3 | 90.1 | 95.6 | 94.3 | 89.3 | |
| 4 | CHAMERA HEP | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 5 | DULHASTI HEP | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 6 | DADRI TPS | 69.9 | 70.4 | 89.7 | 82.9 | 83.7 | 88.1 | 92.2 | |
| 7 | CHAMERA-III HEP | 109.8 | 101.7 | 107.7 | 112.3 | 108 | 110.5 | 116.2 | |
| 8 | TANDA-II STPS | 113.7 | 93.2 | 93.9 | 95.9 | 104.3 | 99.7 | 116.3 | |
| 9 | RIHAND-II STPS | 99.2 | 117.8 | 123.6 | 106.5 | 106 | 89.4 | 81.2 | |
| 10 | TEHRI HEP | 90.8 | 84.5 | 94.3 | 87.9 | 85.3 | 85.4 | 81.1 | |
| 11 | UNCHAHAAR-III TPS | 71.4 | 165 | 142.8 | 78.7 | 4.8 | 32.1 | 39.8 | |
| 12 | RAMPUR HEP | 80.4 | 62.3 | 79.1 | 78 | 89.1 | 0 | 0 | |
| 13 | AURAIYA GPP | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 14 | SEWA-II HEP | 94.1 | 97.7 | 96.8 | 94.3 | 96.5 | 93.1 | 90.5 | |
| 15 | BAIRASIUL HEP | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 16 | DADRI GPP | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 17 | DADRI-II TPS | 72.8 | 98.4 | 50.5 | 77.1 | 59.5 | 48.3 | 63 | |
| 18 | NATHPA JHAKRI HEP | 79.6 | 61.9 | 78.6 | 77.3 | 88.6 | 0 | 0 | |
| 19 | UNCHAHAAR-IV TPS | 74.7 | 65.9 | 98.9 | 88.1 | 98.8 | 76.1 | 63.6 | |
| 20 | IGSTPS-JHAJJAR | 99.3 | 53.6 | 100.4 | 108.9 | 102.7 | 109.3 | 99.6 | |
| 21 | UNCHAHAAR-II TPS | 159.8 | 225.8 | 0 | 0 | 0 | 0 | 183.6 | |
| 22 | DHAULIGANGA HEP | 89.3 | 104.7 | 105.2 | 98.6 | 94.1 | 0 | 108.2 | |
| 23 | RIHAND STPS | 103.2 | 101.3 | 103.8 | 104.2 | 101.4 | 102.2 | 101.6 | |
| 24 | CHAMERA-II HEP | 99 | 97.9 | 99.2 | 96.8 | 98.9 | 99.1 | 99.4 | |