

कार्यालय : बी-9, प्रथम एवं द्वितीय तल, कुतुब इंस्टीट्यूशनल एरिया, कटवारिया सराय, नई दिल्ली - 110016
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CIN : U40105DL2009GOI188682, Website : www.grid-india.in, E-mail : gridindiacc@grid-india.in, Tel.: 011- 42785855

संदर्भ संख्या:- GRID-INDIA/NLDC/MR/

दिनांक: 23.05.2025

सेवा में,

वितरण सूची के अनुसार

विषय:- निष्पादन रिपोर्ट – अप्रैल 2025

महोदय,

आई०ई०जी०सी०-2023 की धारा-38 के अनुपालन में, **अप्रैल 2025** माह की अखिल भारतीय प्रणाली की निष्पादन रिपोर्ट संलग्न है।

धन्यवाद

भवदीय



एस.सी. डंभारे

मुख्य महाप्रबन्धक
प्रणाली प्रचालन, रा.भा.प्रे.के.

संलग्नक: मासिक प्रणाली रिपोर्ट

वितरण सूची

Distribution List

- 1 सचिव, के.वि.नि.आ. तीसरा एवं चौथा तल, चंद्रलोक भवन, 36, जनपथ, नई दिल्ली-110001
Secretary, CERC, 3rd & 4th Floor, Chanderlok Building, 36, Janpath, New Delhi-110001
- 2 मुख्य अभियंता (जी एम), के.वि.प्रा., सेवा भवन, आर. के. पुरम, नई दिल्ली-110066
Chief Engineer (GM), CEA, Sewa Bhavan, R.K.Puram, New Delhi-110066
- 3 सदस्य सचिव, उ. क्षे. वि. स., 18/ए, शहीद जीत सिंह सनसनवाल मार्ग, नई दिल्ली - 110016
Member Secretary, NRPC, 18/A, SJSS Marg, Katwaria Sarai, New Delhi-110016
- 4 सदस्य सचिव, प. क्षे. वि. स., एफ-3, एम आई डी सी क्षेत्र, अंधेरी (पूर्व), मुंबई - 400093
Member Secretary, WRPC, F-3, MIDC Area, Andheri (East), Mumbai-400093
- 5 सदस्य सचिव, द. क्षे. वि. स., 29, रेस कोर्स क्रॉस रोड, बंगलूरु - 560009
Member Secretary, SRPC, 29, Race Course Cross Road, Bangalore-560009
- 6 सदस्य सचिव, पू. क्षे. वि. स., 14, गोल्फ क्लब रोड, कोलकाता - 700033
Member Secretary, ERPC, 14, Golf Club Road, Kolkata-700033
- 7 सदस्य सचिव, उ. पू. क्षे. वि. स., मेघालय राज्य आवासीय वित्त सहकारी समिति लिमिटेड भवन, नोग्रिम हिल्स, शिलोंग - 793003
Member Secretary, NERPC, Meghalaya State Housing Finance Cooperative Society Ltd. Building, Nongrim Hills, Shillong -793003
- 8 मुख्य अभियंता, राष्ट्रीय विद्युत समिति, एनआरपीसी भवन, तृतीय तल, 18/ए, शहीद जीत सिंह सनसनवाल मार्ग, नई दिल्ली - 110016
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- 9 कार्यपालक निदेशक, पू. क्षे. भा. प्रे. के., 14, गोल्फ क्लब रोड, कोलकाता - 700033
Executive Director, ERLDC, 14, Golf Club Road, Kolkata-700033
- 10 कार्यपालक निदेशक, प. क्षे. भा. प्रे. के., एफ-3, एम आई डी सी क्षेत्र, अंधेरी (पूर्व), मुंबई - 400093
Executive Director, WRLDC, F-3, MIDC Area, Andheri (East), Mumbai-400093
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- 12 कार्यपालक निदेशक, द. क्षे. भा. प्रे. के., 29, रेस कोर्स क्रॉस रोड, बंगलूरु - 560009
Executive Director, SRLDC, 29, Race Course Cross Road, Bangalore-560009
- 13 कार्यपालक निदेशक, पू. क्षे. भा. प्रे. के., डोंगतिएह, लोअर नोंग्रह, लापलंग, शिलोंग- 793006
Executive Director, NERLDC, Dongtien, Lower Nongrah, Laplang, Shillong-793006



ग्रिड-इंडिया
GRID-INDIA

मासिक प्रचालन रिपोर्ट MONTHLY OPERATIONAL REPORT

राष्ट्रीय भार प्रेषण केन्द्र
NATIONAL LOAD DESPATCH CENTRE

APRIL - 2025

GRID CONTROLLER OF INDIA LIMITED
ग्रिड कंट्रोलर ऑफ इंडिया लिमिटेड

grid-india.in

ग्रिड कंट्रोलर ऑफ इंडिया लिमिटेड
राष्ट्रीय भार प्रेषण केंद्र, नई दिल्ली

GRID CONTROLLER OF INDIA LIMITED
Formerly Power System Operation Corporation Limited

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



ग्रिड-इंडिया
GRID-INDIA

माह अप्रैल 2025 के लिए प्रचालन निष्पादन रिपोर्ट

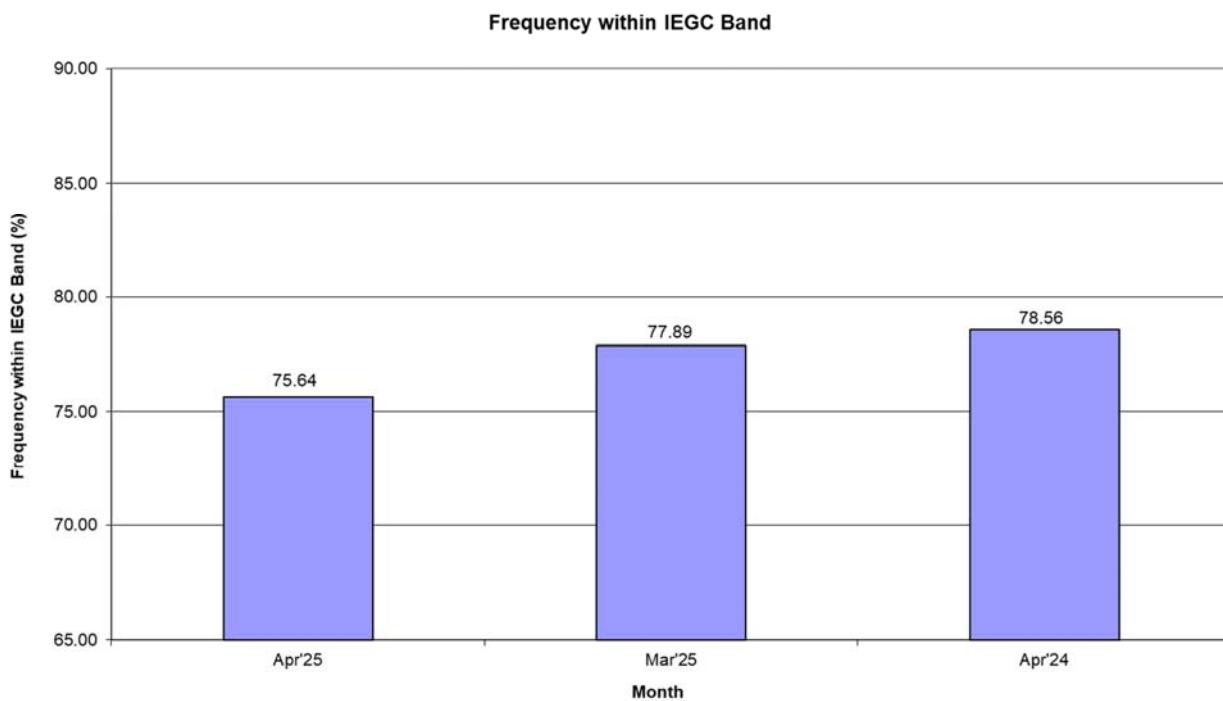
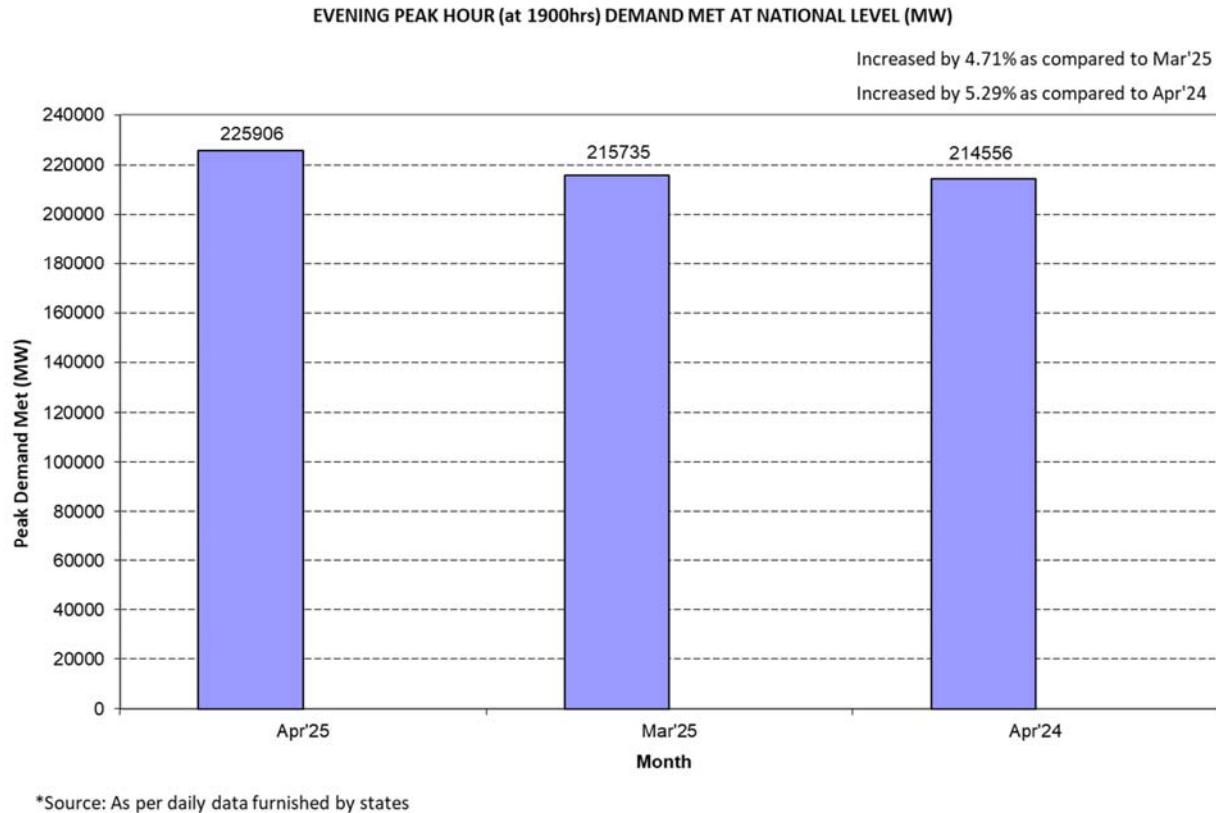
OPERATIONAL PERFORMANCE REPORT FOR THE
MONTH OF APRIL -2025

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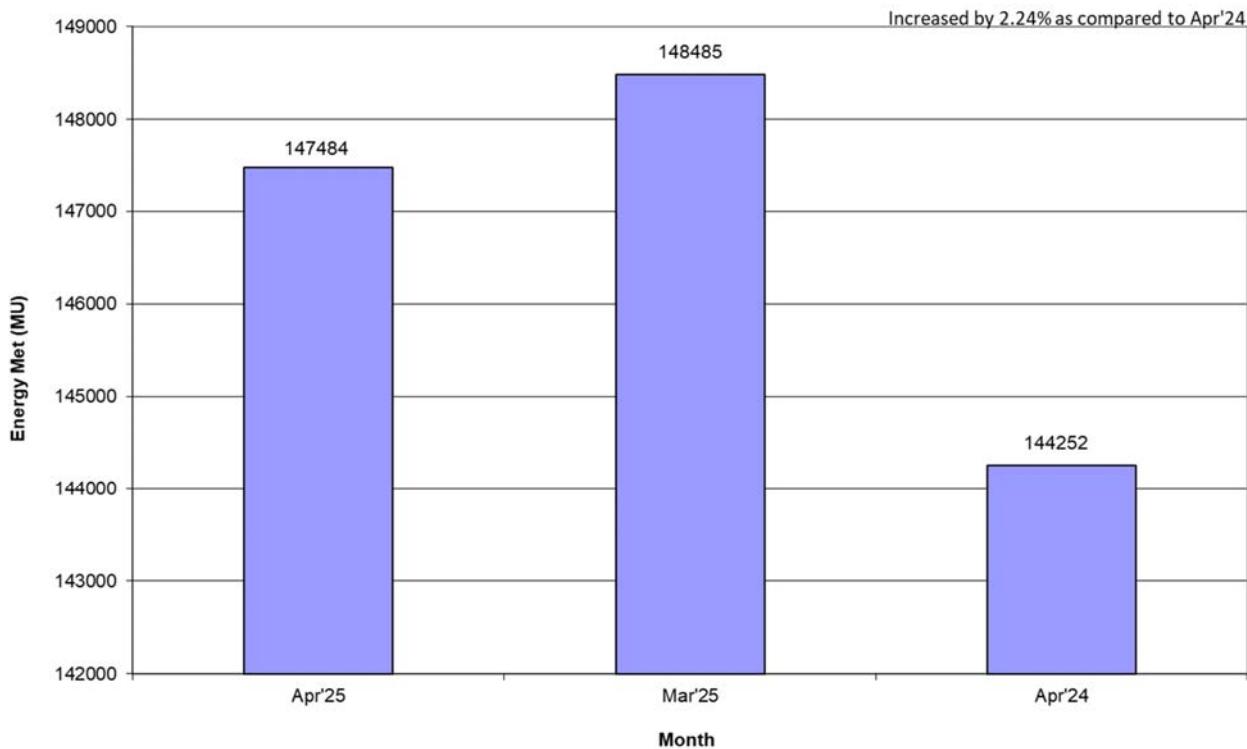
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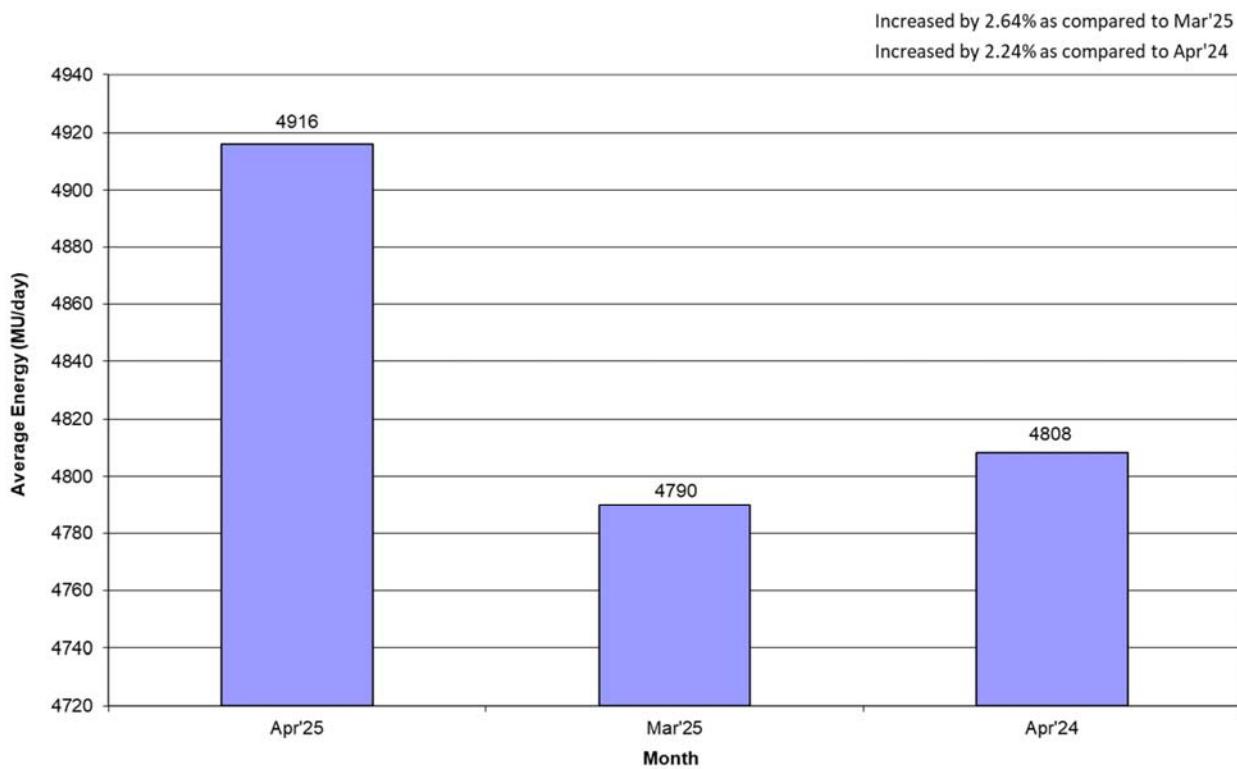
1. SUMMARY OF REPORT FOR THE MONTH OF APRIL-2025



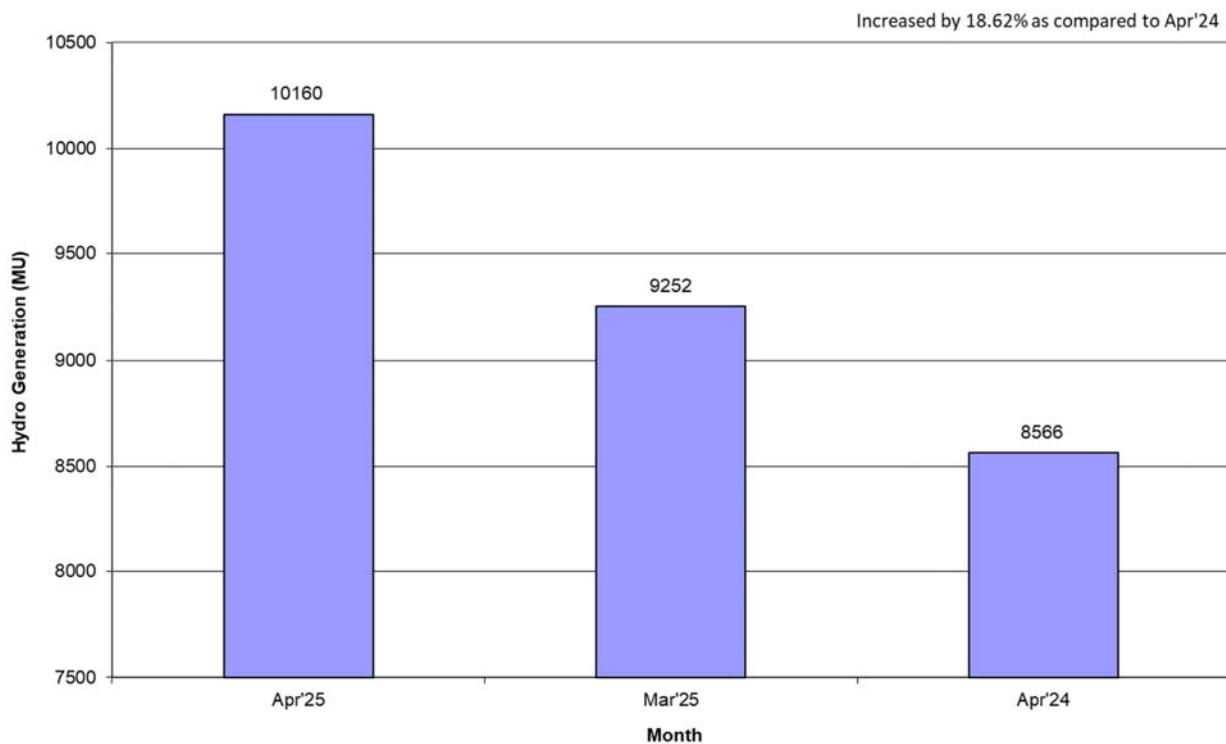
ENERGY MET AT NATIONAL LEVEL (MU)



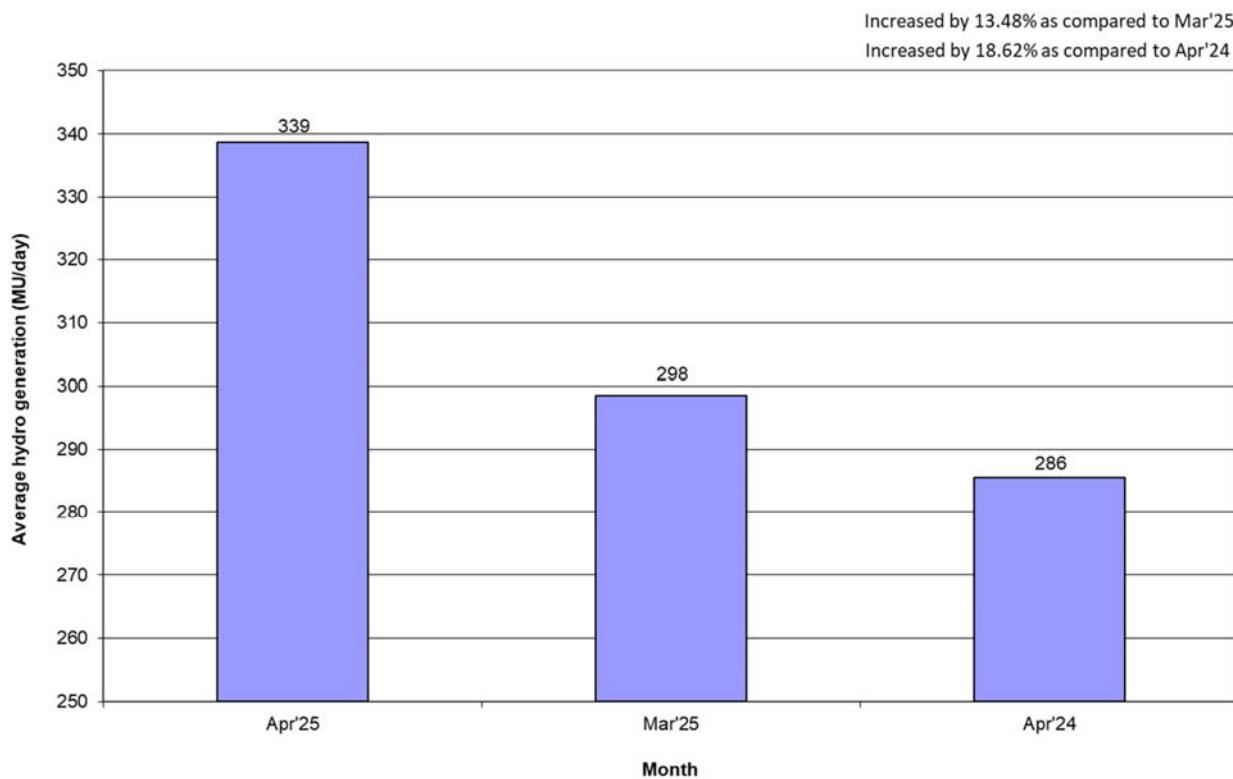
AVERAGE ENERGY MET AT NATIONAL LEVEL (MU/Day)



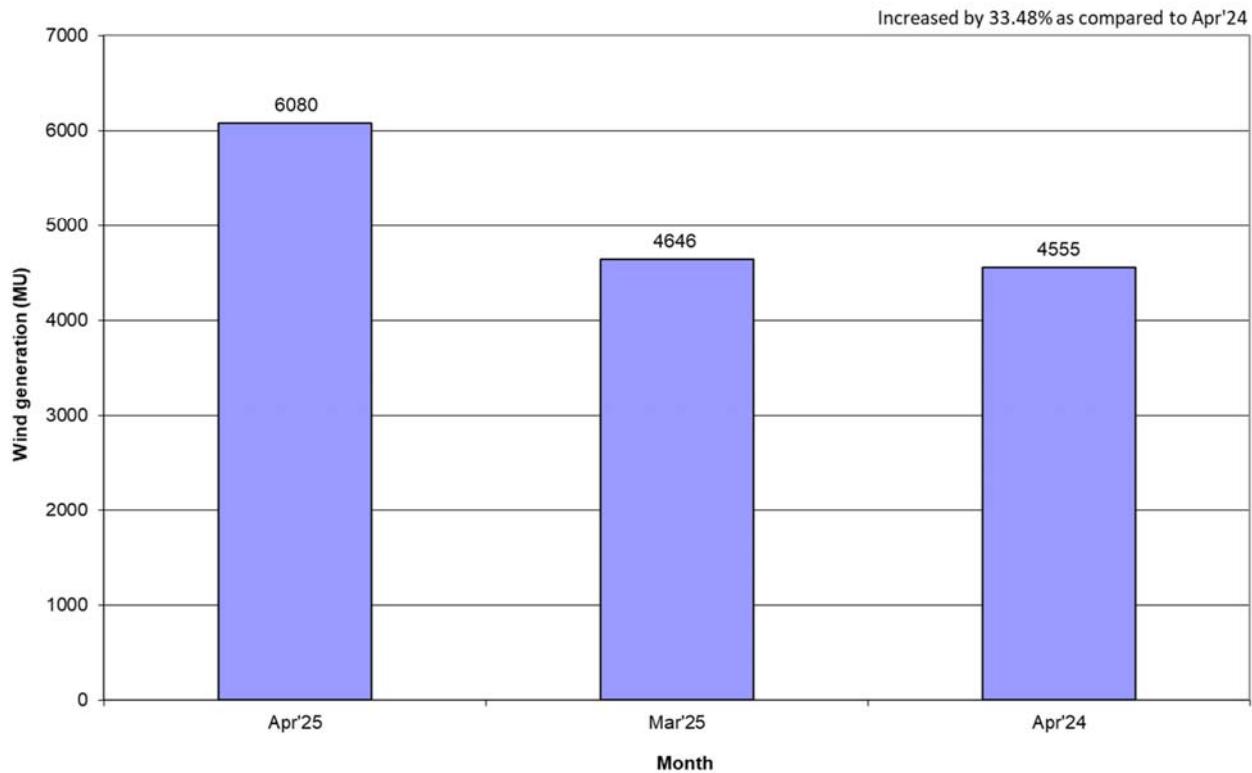
HYDRO GENERATION AT NATIONAL LEVEL (MU)



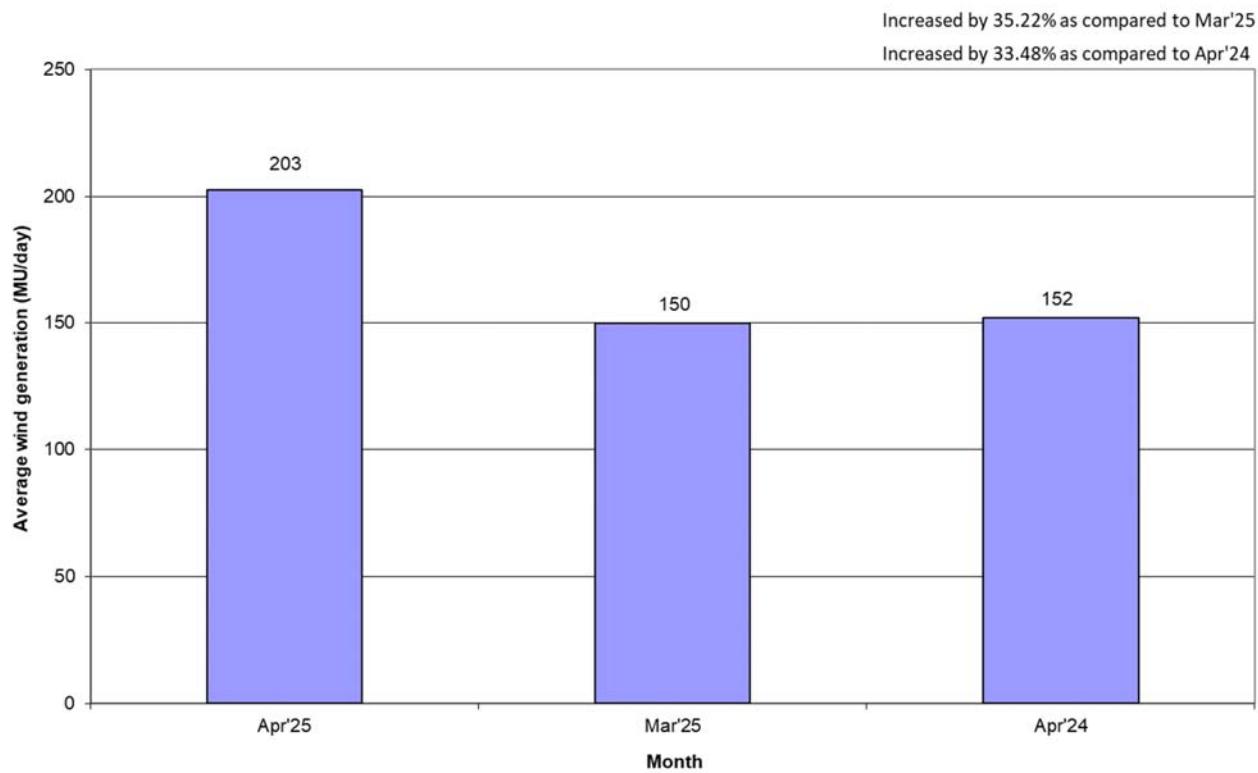
AVERAGE HYDRO GENERATION AT NATIONAL LEVEL (MU/Day)



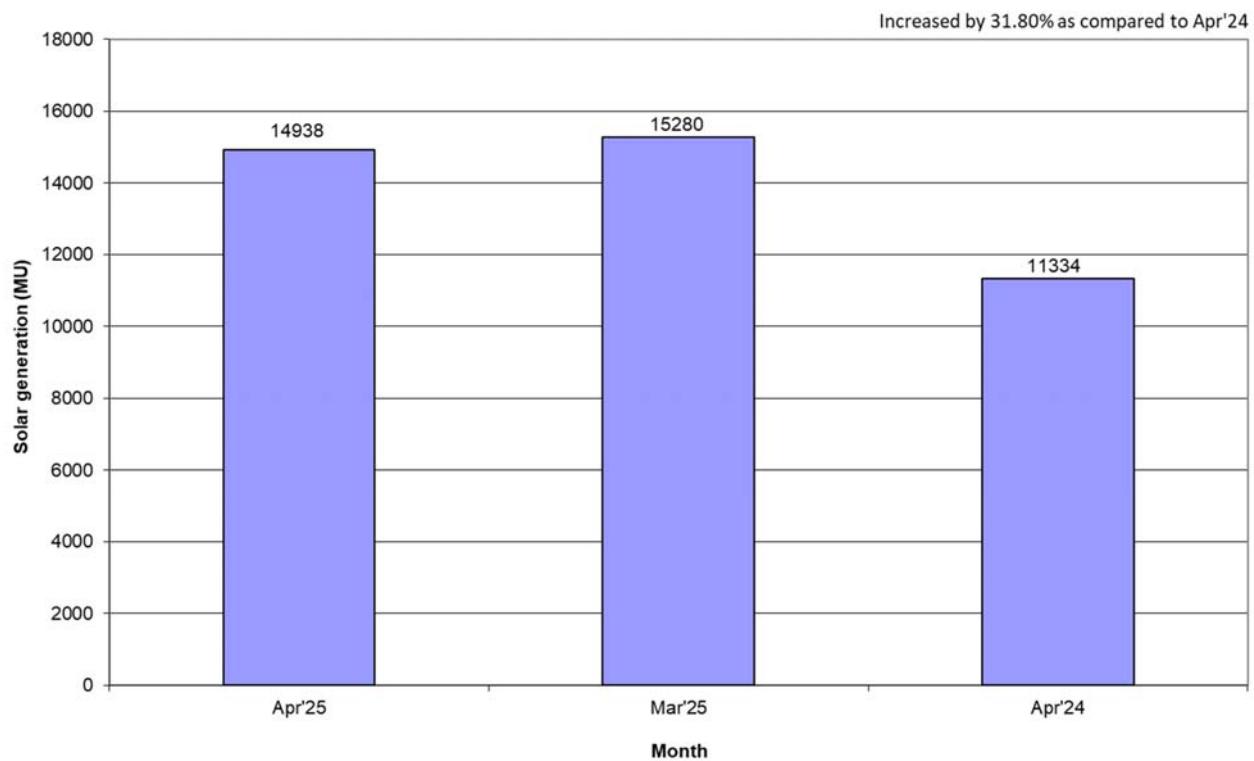
WIND GENERATION AT NATIONAL LEVEL (MU)



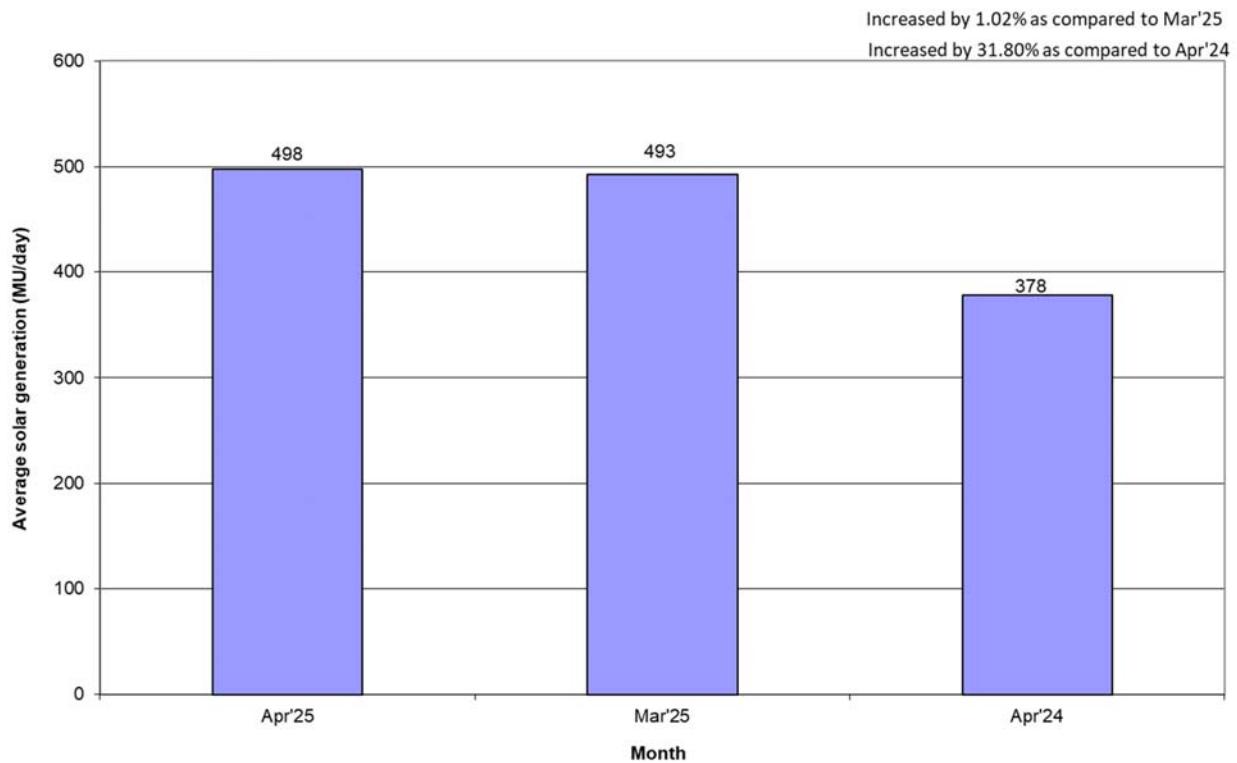
AVERAGE WIND GENERATION AT NATIONAL LEVEL (MU/Day)



SOLAR GENERATION AT NATIONAL LEVEL (MU)



AVERAGE SOLAR GENERATION AT NATIONAL LEVEL (MU/Day)



2. ALL INDIA REGIONWISE INSTALLED CAPACITY

As on 30.04.2025

(All figures are in MW)

| S No | Region | THERMAL | | | | | NUCLEAR | HYDRO | RES @ MNRE | GRAND TOTAL |
|-----------|---------|---------|---------|-------|--------|--------|---------|-------|------------|-------------|
| | | COAL | LIGNITE | GAS | DIESEL | TOTAL | | | | |
| 1 | NR | 59298 | 1580 | 5712 | 0 | 66590 | 2220 | 21591 | 47587 | 137988 |
| 2 | WR | 72948 | 1400 | 9399 | 0 | 83747 | 3240 | 7604 | 63494 | 158085 |
| 3 | SR | 50456 | 3640 | 3356 | 434 | 57885 | 3320 | 11927 | 61527 | 134660 |
| 4 | ER | 28775 | 0 | 0 | 0 | 28775 | 0 | 4862 | 2406 | 36043 |
| 5 | NER | 1242 | 0 | 1665 | 36 | 2943 | 0 | 1944 | 645 | 5532 |
| 6 | ISLANDS | 0 | 0 | 0 | 120 | 120 | 0 | 0 | 40 | 160 |
| ALL INDIA | | 212718 | 6620 | 20132 | 589 | 240060 | 8780 | 47928 | 175700 | 472468 |

Source: Central Electricity Authority

3. राष्ट्रीय स्तर पर संध्याकालीन शिखर अवधि की विद्युत मांग पूर्ति
EVENING PEAK HOUR (at 19:00hrs) DEMAND MET AT NATIONAL LEVEL

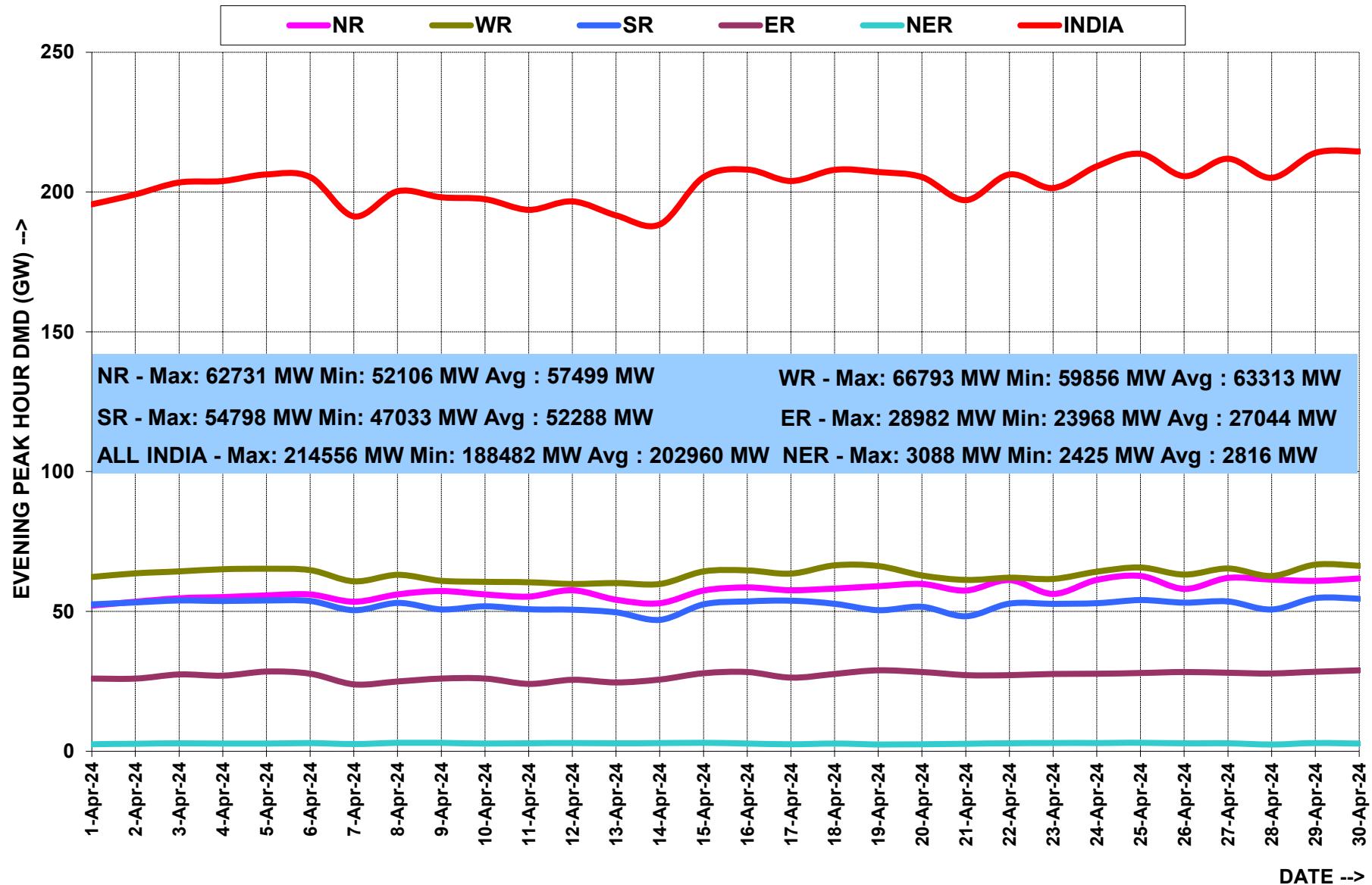
माह: अप्रैल 2025 MONTH:- APR 2025

सभी आंकड़े मेगावाट में All figures in MW

| दिनांक Date | ऊतरी क्षे. NR | पश्चिमी क्षे. WR | दक्षिणी क्षे. SR | पूर्वी क्षे. ER | पूर्वोत्तर क्षे. NER | कुल TOTAL |
|----------------------------------|------------------|---------------------|---------------------|--------------------|-------------------------|--------------|
| 1-Apr-25 | 53132 | 64159 | 52157 | 26421 | 2960 | 198829 |
| 2-Apr-25 | 54452 | 65303 | 52893 | 26278 | 3017 | 201943 |
| 3-Apr-25 | 54711 | 62606 | 49013 | 26299 | 3083 | 195712 |
| 4-Apr-25 | 57745 | 66544 | 50898 | 26701 | 3062 | 204950 |
| 5-Apr-25 | 57861 | 68059 | 49457 | 27448 | 2926 | 205751 |
| 6-Apr-25 | 55963 | 65751 | 46080 | 25310 | 2739 | 195843 |
| 7-Apr-25 | 60096 | 70031 | 51628 | 27672 | 3057 | 212484 |
| 8-Apr-25 | 62484 | 70318 | 50836 | 27929 | 3179 | 214746 |
| 9-Apr-25 | 62818 | 70345 | 52368 | 27307 | 3125 | 215963 |
| 10-Apr-25 | 56740 | 69375 | 50543 | 19790 | 2569 | 199017 |
| 11-Apr-25 | 45961 | 69400 | 50356 | 25453 | 2906 | 194076 |
| 12-Apr-25 | 57407 | 67954 | 50223 | 24809 | 3104 | 203497 |
| 13-Apr-25 | 55994 | 65734 | 47657 | 24616 | 2803 | 196804 |
| 14-Apr-25 | 61464 | 69286 | 47447 | 22860 | 2972 | 204029 |
| 15-Apr-25 | 64323 | 70007 | 52360 | 24615 | 2778 | 214083 |
| 16-Apr-25 | 65684 | 70778 | 50996 | 26348 | 2706 | 216512 |
| 17-Apr-25 | 66288 | 70919 | 52225 | 23352 | 2739 | 215523 |
| 18-Apr-25 | 60281 | 69749 | 49802 | 23316 | 2852 | 206000 |
| 19-Apr-25 | 66619 | 70366 | 52644 | 26838 | 3041 | 219508 |
| 20-Apr-25 | 64364 | 67262 | 47615 | 26901 | 2815 | 208957 |
| 21-Apr-25 | 63223 | 68926 | 53068 | 28220 | 3067 | 216504 |
| 22-Apr-25 | 66003 | 69620 | 53570 | 28995 | 2898 | 221086 |
| 23-Apr-25 | 66739 | 70434 | 54224 | 29528 | 2731 | 223656 |
| 24-Apr-25 | 67009 | 71713 | 54820 | 29200 | 3164 | 225906 |
| 25-Apr-25 | 67856 | 70102 | 53757 | 29151 | 2931 | 223797 |
| 26-Apr-25 | 66292 | 68773 | 53722 | 27245 | 3144 | 219176 |
| 27-Apr-25 | 63139 | 64771 | 46355 | 24792 | 2974 | 202031 |
| 28-Apr-25 | 68643 | 70222 | 53377 | 23916 | 2590 | 218748 |
| 29-Apr-25 | 67931 | 67937 | 52602 | 24968 | 2774 | 216212 |
| 30-Apr-25 | 69147 | 68721 | 51157 | 24948 | 2998 | 216971 |
| उच्चतम MAXIMUM | 69147 | 71713 | 54820 | 29528 | 3179 | 225906 |
| निम्नतम MINIMUM | 45961 | 62606 | 46080 | 19790 | 2569 | 194076 |
| औसत AVERAGE | 61679 | 68506 | 51128 | 26041 | 2923 | 210277 |
| अब तक का उच्चतम All Time Max. | 82312 | 71713 | 55925 | 29695 | 3787 | 227354 |
| दिनांक Date | 23.07.24 | 24.04.25 | 28.03.25 | 29.05.24 | 19.09.24 | 29.05.24 |

Source: As per daily data furnished by states

EVENING PEAK HOUR DEMAND(at 2000hrs) MET DURING THE MONTH OF APRIL' 2024



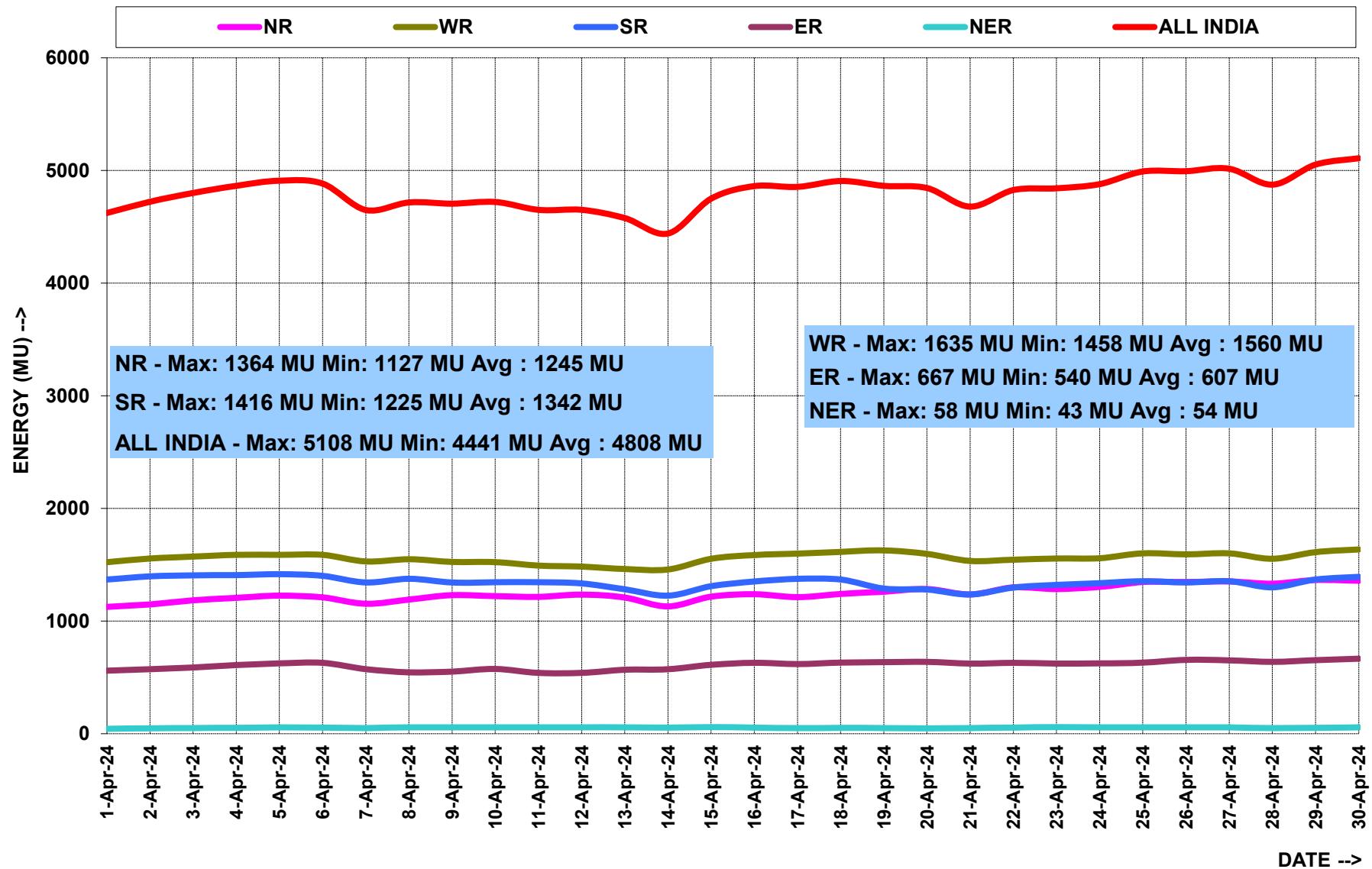
4. राष्ट्रीय स्तर पर विद्युत ऊर्जा आपूर्ति ENERGY MET AT NATIONAL LEVEL

माह: अप्रैल 2025 MONTH:- APR 2025

सभी आंकड़े मिलियन यूनिट में All figures in MU

| दिनांक Date | ऊतरी क्षे. NR | पश्चिमी क्षे. WR | दक्षिणी क्षे. SR | पूर्वी क्षे. ER | पूर्वोत्तर क्षे. NER | कुल TOTAL |
|-------------------------------------|------------------|---------------------|---------------------|--------------------|-------------------------|--------------|
| 01-Apr-25 | 1120 | 1606 | 1393 | 592 | 58 | 4768 |
| 02-Apr-25 | 1153 | 1582 | 1399 | 583 | 59 | 4776 |
| 03-Apr-25 | 1167 | 1586 | 1315 | 582 | 60 | 4710 |
| 04-Apr-25 | 1190 | 1588 | 1244 | 587 | 60 | 4669 |
| 05-Apr-25 | 1212 | 1634 | 1244 | 597 | 59 | 4745 |
| 06-Apr-25 | 1170 | 1613 | 1199 | 590 | 52 | 4623 |
| 07-Apr-25 | 1256 | 1674 | 1274 | 610 | 55 | 4870 |
| 08-Apr-25 | 1319 | 1709 | 1310 | 623 | 61 | 5023 |
| 09-Apr-25 | 1373 | 1723 | 1315 | 607 | 58 | 5077 |
| 10-Apr-25 | 1264 | 1704 | 1307 | 525 | 54 | 4854 |
| 11-Apr-25 | 1174 | 1689 | 1276 | 496 | 53 | 4689 |
| 12-Apr-25 | 1144 | 1674 | 1250 | 552 | 57 | 4677 |
| 13-Apr-25 | 1151 | 1611 | 1200 | 513 | 52 | 4526 |
| 14-Apr-25 | 1264 | 1667 | 1213 | 533 | 55 | 4731 |
| 15-Apr-25 | 1333 | 1708 | 1256 | 531 | 53 | 4882 |
| 16-Apr-25 | 1375 | 1718 | 1257 | 569 | 54 | 4972 |
| 17-Apr-25 | 1357 | 1729 | 1276 | 560 | 52 | 4974 |
| 18-Apr-25 | 1379 | 1717 | 1268 | 502 | 54 | 4920 |
| 19-Apr-25 | 1328 | 1705 | 1256 | 548 | 59 | 4896 |
| 20-Apr-25 | 1361 | 1663 | 1208 | 586 | 54 | 4873 |
| 21-Apr-25 | 1431 | 1704 | 1258 | 621 | 56 | 5069 |
| 22-Apr-25 | 1434 | 1725 | 1309 | 651 | 54 | 5174 |
| 23-Apr-25 | 1434 | 1728 | 1326 | 647 | 51 | 5187 |
| 24-Apr-25 | 1444 | 1740 | 1342 | 655 | 56 | 5237 |
| 25-Apr-25 | 1478 | 1742 | 1353 | 664 | 56 | 5293 |
| 26-Apr-25 | 1472 | 1713 | 1324 | 632 | 58 | 5199 |
| 27-Apr-25 | 1425 | 1627 | 1228 | 574 | 51 | 4905 |
| 28-Apr-25 | 1482 | 1683 | 1274 | 541 | 47 | 5026 |
| 29-Apr-25 | 1486 | 1695 | 1301 | 523 | 50 | 5055 |
| 30-Apr-25 | 1529 | 1676 | 1285 | 540 | 54 | 5085 |
| कुल TOTAL | 39703 | 50331 | 38460 | 17338 | 1651 | 147484 |
| उच्चतम MAXIMUM | 1529 | 1742 | 1399 | 664 | 61 | 5293 |
| निम्नतम MINIMUM | 1120 | 1582 | 1199 | 496 | 47 | 4526 |
| औसत AVERAGE | 1323 | 1678 | 1282 | 578 | 55 | 4916 |
| संचयी 2025-26 Cumulative 2025-26 | 39703 | 50331 | 38460 | 17338 | 1651 | 147484 |
| अब तक का उच्चतम All Time Max. | 1990 | 1742 | 1460 | 692 | 80 | 5466 |
| दिनांक Date | 18.06.24 | 25.04.25 | 19.03.25 | 10.06.24 | 20.09.24 | 30.05.24 |

ENERGY MET DURING THE MONTH OF APRIL' 2024



5. वर्ष 2025-26 के लिए आवृति रूपरेखा FREQUENCY PROFILE FOR YEAR 2025-26

| राष्ट्रीय ग्रिड NATIONAL GRID | | | | | | | | |
|-------------------------------|--------------------|----------------|-------------|--------------|--------------|--------------------|---------------------|--------------|
| फ्रेक्वेंसी रूपरेखा (Hz) | | | <49.9 | 49.9-50.05 | >50.05 | उच्चतम फ्रेक्वेंसी | निम्नतम फ्रेक्वेंसी | |
| % समय | Apr-25 | All India Grid | 5.16 | 75.64 | 19.20 | 50.49 | 49.42 | 50.00 |
| | 2025-26 (upto Apr) | All India Grid | 5.16 | 75.64 | 19.20 | 50.49 | 49.42 | 50.00 |

5.1 अप्रैल 2025 के लिए आवृत्ति रूपरेखा FREQUENCY PROFILE FOR APRIL 2025

| फ्रिक्वेंसी रूपरेखा (Hz) | | <49.9 | 49.9-50.05 | >50.05 | उच्चतम फ्रिक्वेंसी | निम्नतम फ्रिक्वेंसी | औसत फ्रिक्वेंसी | एफ.वी.आई. |
|--------------------------|-----------|-------|------------|--------|--------------------|---------------------|-----------------|-----------|
| % समय | 01-Apr-25 | 2.52 | 77.13 | 20.35 | 50.25 | 49.82 | 50.01 | 0.03 |
| | 02-Apr-25 | 6.18 | 78.84 | 14.98 | 50.14 | 49.79 | 50.00 | 0.03 |
| | 03-Apr-25 | 4.93 | 80.60 | 14.47 | 50.18 | 49.75 | 50.00 | 0.03 |
| | 04-Apr-25 | 6.72 | 79.32 | 13.96 | 50.18 | 49.64 | 49.99 | 0.04 |
| | 05-Apr-25 | 5.96 | 75.60 | 18.44 | 50.28 | 49.70 | 50.00 | 0.04 |
| | 06-Apr-25 | 2.71 | 66.45 | 30.84 | 50.49 | 49.82 | 50.04 | 0.13 |
| | 07-Apr-25 | 6.06 | 75.46 | 18.47 | 50.21 | 49.80 | 50.00 | 0.03 |
| | 08-Apr-25 | 3.76 | 80.19 | 16.05 | 50.25 | 49.75 | 50.00 | 0.03 |
| | 09-Apr-25 | 6.05 | 76.55 | 17.40 | 50.20 | 49.72 | 50.00 | 0.04 |
| | 10-Apr-25 | 1.31 | 71.30 | 27.40 | 50.37 | 49.86 | 50.03 | 0.05 |
| | 11-Apr-25 | 4.17 | 69.07 | 26.76 | 50.38 | 49.75 | 50.02 | 0.08 |
| | 12-Apr-25 | 2.12 | 73.78 | 24.10 | 50.30 | 49.85 | 50.02 | 0.04 |
| | 13-Apr-25 | 1.63 | 64.39 | 33.98 | 50.39 | 49.80 | 50.04 | 0.10 |
| | 14-Apr-25 | 3.80 | 74.94 | 21.26 | 50.23 | 49.84 | 50.01 | 0.04 |
| | 15-Apr-25 | 3.32 | 81.22 | 15.46 | 50.20 | 49.78 | 50.00 | 0.03 |
| | 16-Apr-25 | 4.07 | 76.12 | 19.80 | 50.21 | 49.70 | 50.00 | 0.03 |
| | 17-Apr-25 | 3.84 | 83.09 | 13.07 | 50.15 | 49.69 | 50.00 | 0.03 |
| | 18-Apr-25 | 3.59 | 87.29 | 9.12 | 50.18 | 49.78 | 50.00 | 0.02 |
| | 19-Apr-25 | 14.41 | 60.02 | 25.57 | 50.31 | 49.54 | 50.00 | 0.10 |
| | 20-Apr-25 | 3.10 | 77.21 | 19.69 | 50.20 | 49.73 | 50.01 | 0.03 |
| | 21-Apr-25 | 24.47 | 66.12 | 9.41 | 50.15 | 49.42 | 49.94 | 0.20 |
| | 22-Apr-25 | 9.64 | 71.48 | 18.88 | 50.24 | 49.66 | 49.99 | 0.06 |
| | 23-Apr-25 | 2.48 | 75.37 | 22.15 | 50.22 | 49.70 | 50.01 | 0.03 |
| | 24-Apr-25 | 7.42 | 73.81 | 18.77 | 50.34 | 49.72 | 50.00 | 0.04 |
| | 25-Apr-25 | 4.56 | 84.28 | 11.16 | 50.23 | 49.77 | 49.99 | 0.03 |
| | 26-Apr-25 | 3.73 | 82.85 | 13.43 | 50.18 | 49.79 | 50.00 | 0.03 |
| | 27-Apr-25 | 6.06 | 73.13 | 20.81 | 50.20 | 49.80 | 50.00 | 0.03 |
| | 28-Apr-25 | 4.88 | 78.73 | 16.39 | 50.24 | 49.76 | 50.00 | 0.03 |
| | 29-Apr-25 | 0.68 | 78.15 | 21.17 | 50.26 | 49.83 | 50.02 | 0.03 |
| | 30-Apr-25 | 0.65 | 76.78 | 22.57 | 50.25 | 49.88 | 50.02 | 0.03 |

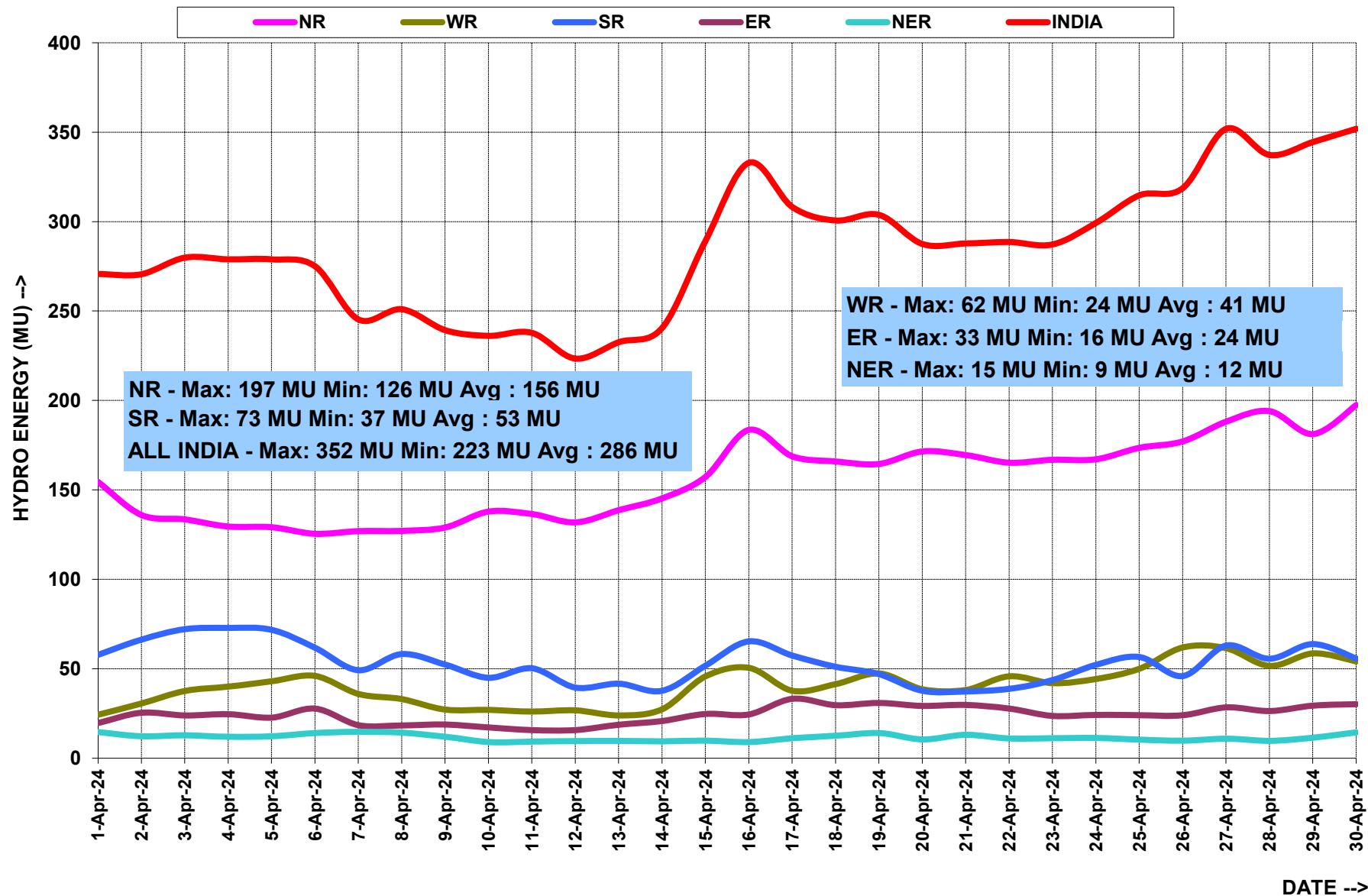
6.राष्ट्रीय स्तर पर जल विद्युत उत्पादन
HYDRO GENERATION AT NATIONAL LEVEL

माह: अप्रैल 2025 MONTH:- APR 2025

सभी आंकड़े मिलियन यूनिट में All figures in MU

| दिनांक Date | ऊतरी क्षे. NR | पश्चिमी क्षे. WR | दक्षिणी क्षे. SR | पूर्वी क्षे. ER | पूर्वोत्तर क्षे. NER | कुल TOTAL |
|-------------------------------------|------------------|---------------------|---------------------|--------------------|-------------------------|--------------|
| 01-Apr-25 | 131 | 45 | 73 | 24 | 11 | 284 |
| 02-Apr-25 | 134 | 33 | 88 | 24 | 11 | 289 |
| 03-Apr-25 | 130 | 33 | 72 | 26 | 11 | 272 |
| 04-Apr-25 | 127 | 35 | 66 | 24 | 10 | 263 |
| 05-Apr-25 | 130 | 43 | 62 | 27 | 10 | 273 |
| 06-Apr-25 | 138 | 28 | 57 | 22 | 10 | 255 |
| 07-Apr-25 | 155 | 47 | 76 | 21 | 10 | 309 |
| 08-Apr-25 | 175 | 54 | 73 | 26 | 9 | 337 |
| 09-Apr-25 | 180 | 60 | 81 | 27 | 9 | 358 |
| 10-Apr-25 | 177 | 34 | 57 | 18 | 9 | 296 |
| 11-Apr-25 | 172 | 41 | 68 | 29 | 10 | 320 |
| 12-Apr-25 | 163 | 31 | 66 | 25 | 11 | 297 |
| 13-Apr-25 | 145 | 23 | 62 | 32 | 9 | 271 |
| 14-Apr-25 | 152 | 37 | 62 | 28 | 10 | 289 |
| 15-Apr-25 | 177 | 55 | 68 | 25 | 9 | 334 |
| 16-Apr-25 | 204 | 65 | 76 | 26 | 10 | 380 |
| 17-Apr-25 | 220 | 45 | 77 | 27 | 10 | 380 |
| 18-Apr-25 | 235 | 48 | 65 | 22 | 12 | 381 |
| 19-Apr-25 | 226 | 43 | 72 | 30 | 12 | 383 |
| 20-Apr-25 | 210 | 35 | 67 | 36 | 12 | 360 |
| 21-Apr-25 | 199 | 54 | 85 | 33 | 12 | 382 |
| 22-Apr-25 | 195 | 65 | 90 | 32 | 12 | 393 |
| 23-Apr-25 | 195 | 66 | 85 | 42 | 16 | 403 |
| 24-Apr-25 | 200 | 46 | 82 | 36 | 19 | 383 |
| 25-Apr-25 | 198 | 55 | 82 | 32 | 15 | 382 |
| 26-Apr-25 | 198 | 51 | 85 | 27 | 13 | 374 |
| 27-Apr-25 | 199 | 32 | 70 | 30 | 11 | 342 |
| 28-Apr-25 | 215 | 49 | 77 | 25 | 10 | 376 |
| 29-Apr-25 | 235 | 46 | 75 | 24 | 12 | 392 |
| 30-Apr-25 | 247 | 45 | 69 | 27 | 13 | 400 |
| कुल TOTAL | 5462 | 1347 | 2189 | 827 | 337 | 10160 |
| उच्चतम MAXIMUM | 247 | 66 | 90 | 42 | 19 | 403 |
| निम्नतम MINIMUM | 127 | 23 | 57 | 18 | 9 | 255 |
| औसत AVERAGE | 182 | 45 | 73 | 28 | 11 | 339 |
| संचयी 2025-26 Cumulative 2025-26 | 5462 | 1347 | 2189 | 827 | 337 | 10160 |
| अब तक का उच्चतम All Time Max. | 443 | 167 | 208 | 157 | 43 | 877 |
| दिनांक Date | 01.08.23 | 18.12.14 | 31.08.18 | 14.09.22 | 27.06.24 | 30.08.22 |

HYDRO ENERGY DURING THE MONTH OF APRIL' 2024



7. राष्ट्रीय स्तर पर पवन ऊर्जा उत्पादन
WIND GENERATION AT NATIONAL LEVEL

माह: अप्रैल 2025 MONTH:- APR 2025

सभी आंकड़े मिलियन यूनिट में All figures in MU

| दिनांक Date | ऊतरी क्षे. NR | पश्चिमी क्षे. WR | दक्षिणी क्षे. SR | पूर्वी क्षे. ER | पूर्वोत्तर क्षे. NER | कुल TOTAL |
|-------------------------------------|------------------|---------------------|---------------------|--------------------|-------------------------|--------------|
| 01-Apr-25 | 7 | 92 | 43 | ----- | ----- | 141 |
| 02-Apr-25 | 10 | 87 | 35 | ----- | ----- | 133 |
| 03-Apr-25 | 11 | 75 | 36 | ----- | ----- | 122 |
| 04-Apr-25 | 20 | 67 | 24 | ----- | ----- | 111 |
| 05-Apr-25 | 13 | 90 | 24 | ----- | ----- | 127 |
| 06-Apr-25 | 24 | 150 | 36 | ----- | ----- | 209 |
| 07-Apr-25 | 27 | 151 | 40 | ----- | ----- | 218 |
| 08-Apr-25 | 43 | 94 | 38 | ----- | ----- | 175 |
| 09-Apr-25 | 31 | 104 | 33 | ----- | ----- | 168 |
| 10-Apr-25 | 31 | 156 | 113 | ----- | ----- | 299 |
| 11-Apr-25 | 34 | 197 | 108 | ----- | ----- | 339 |
| 12-Apr-25 | 21 | 137 | 91 | ----- | ----- | 249 |
| 13-Apr-25 | 14 | 150 | 45 | ----- | ----- | 210 |
| 14-Apr-25 | 16 | 192 | 47 | ----- | ----- | 255 |
| 15-Apr-25 | 10 | 158 | 51 | ----- | ----- | 220 |
| 16-Apr-25 | 16 | 134 | 54 | ----- | ----- | 204 |
| 17-Apr-25 | 30 | 137 | 47 | ----- | ----- | 215 |
| 18-Apr-25 | 58 | 165 | 68 | ----- | ----- | 291 |
| 19-Apr-25 | 47 | 210 | 69 | ----- | ----- | 327 |
| 20-Apr-25 | 33 | 133 | 71 | ----- | ----- | 237 |
| 21-Apr-25 | 16 | 74 | 44 | ----- | ----- | 134 |
| 22-Apr-25 | 15 | 85 | 32 | ----- | ----- | 132 |
| 23-Apr-25 | 9 | 96 | 46 | ----- | ----- | 152 |
| 24-Apr-25 | 26 | 114 | 62 | ----- | ----- | 201 |
| 25-Apr-25 | 35 | 124 | 54 | ----- | ----- | 213 |
| 26-Apr-25 | 16 | 129 | 29 | ----- | ----- | 173 |
| 27-Apr-25 | 6 | 110 | 49 | ----- | ----- | 164 |
| 28-Apr-25 | 12 | 141 | 21 | ----- | ----- | 175 |
| 29-Apr-25 | 12 | 177 | 36 | ----- | ----- | 225 |
| 30-Apr-25 | 21 | 175 | 66 | ----- | ----- | 261 |
| कुल TOTAL | 663 | 3905 | 1513 | ----- | ----- | 6080 |
| उच्चतम MAXIMUM | 58 | 210 | 113 | ----- | ----- | 339 |
| निम्नतम MINIMUM | 6 | 67 | 21 | ----- | ----- | 111 |
| औसत AVERAGE | 22 | 130 | 50 | ----- | ----- | 203 |
| संचयी 2025-26 Cumulative 2025-26 | 663 | 3905 | 1513 | ----- | ----- | 6080 |
| अब तक का उच्चतम All Time Max. | 86 | 310 | 323 | ----- | ----- | 619 |
| दिनांक Date | 07.08.23 | 28.05.24 | 26.07.24 | ----- | ----- | 28.05.24 |

*Source: As reported by SLDCs. Limited visibility of embedded wind generator data.

8. राष्ट्रीय स्तर पर सौर ऊर्जा उत्पादन
SOLAR GENERATION AT NATIONAL LEVEL

माह: अप्रैल 2025 MONTH:- APR 2025

सभी आंकड़े मिलियन यूनिट में All figures in MU

| दिनांक Date | ऊतरी क्षे. NR | पश्चिमी क्षे. WR | दक्षिणी क्षे. SR | पूर्वी क्षे. ER | पूर्वोत्तर क्षे. NER | कुल TOTAL |
|-------------------------------------|------------------|---------------------|---------------------|--------------------|-------------------------|--------------|
| 01-Apr-25 | 223 | 134 | 137 | 3.7 | 1.0 | 499 |
| 02-Apr-25 | 216 | 136 | 127 | 3.4 | 1.0 | 483 |
| 03-Apr-25 | 212 | 137 | 106 | 3.2 | 1.1 | 460 |
| 04-Apr-25 | 212 | 149 | 133 | 2.9 | 0.8 | 498 |
| 05-Apr-25 | 210 | 142 | 138 | 4.2 | 1.0 | 495 |
| 06-Apr-25 | 209 | 156 | 138 | 3.6 | 0.9 | 508 |
| 07-Apr-25 | 201 | 153 | 147 | 3.8 | 1.0 | 506 |
| 08-Apr-25 | 199 | 144 | 140 | 4.0 | 1.1 | 489 |
| 09-Apr-25 | 199 | 152 | 141 | 4.1 | 0.8 | 496 |
| 10-Apr-25 | 208 | 142 | 130 | 3.7 | 0.8 | 484 |
| 11-Apr-25 | 197 | 141 | 138 | 3.0 | 0.6 | 479 |
| 12-Apr-25 | 199 | 144 | 146 | 3.9 | 1.0 | 493 |
| 13-Apr-25 | 206 | 139 | 145 | 3.4 | 0.9 | 495 |
| 14-Apr-25 | 206 | 150 | 142 | 3.8 | 0.9 | 502 |
| 15-Apr-25 | 207 | 149 | 147 | 3.9 | 0.7 | 508 |
| 16-Apr-25 | 201 | 144 | 143 | 4.4 | 0.8 | 493 |
| 17-Apr-25 | 201 | 142 | 139 | 4.0 | 0.8 | 487 |
| 18-Apr-25 | 196 | 146 | 136 | 3.0 | 1.2 | 481 |
| 19-Apr-25 | 207 | 144 | 143 | 3.4 | 1.1 | 498 |
| 20-Apr-25 | 214 | 150 | 138 | 3.4 | 1.0 | 507 |
| 21-Apr-25 | 222 | 151 | 132 | 4.1 | 1.0 | 510 |
| 22-Apr-25 | 228 | 153 | 136 | 4.1 | 0.4 | 521 |
| 23-Apr-25 | 226 | 158 | 145 | 4.2 | 0.8 | 534 |
| 24-Apr-25 | 222 | 160 | 142 | 3.9 | 1.1 | 530 |
| 25-Apr-25 | 217 | 155 | 135 | 3.8 | 1.2 | 512 |
| 26-Apr-25 | 207 | 140 | 131 | 3.6 | 1.3 | 483 |
| 27-Apr-25 | 211 | 144 | 129 | 1.9 | 1.1 | 487 |
| 28-Apr-25 | 211 | 147 | 142 | 3.8 | 0.4 | 504 |
| 29-Apr-25 | 207 | 147 | 134 | 3.8 | 0.5 | 492 |
| 30-Apr-25 | 208 | 153 | 136 | 2.7 | 1.1 | 501 |
| कुल TOTAL | 6281 | 4403 | 4118 | 108 | 28 | 14938 |
| उच्चतम MAXIMUM | 228 | 160 | 147 | 4.4 | 1.3 | 534 |
| निम्नतम MINIMUM | 196 | 134 | 106 | 1.9 | 0.4 | 460 |
| औसत AVERAGE | 209 | 147 | 137 | 3.6 | 0.9 | 498 |
| संचयी 2025-26 Cumulative 2025-26 | 6281 | 4403 | 4118 | 108 | 27.5 | 14938 |
| अब तक का उच्चतम All Time Max. | 228 | 160 | 156 | 5.7 | 3.5 | 534 |
| दिनांक Date | 22.04.25 | 24.04.25 | 06.03.25 | 18.03.25 | 08.09.24 | 23.04.25 |

*Source: RLDCs for solar connected to ISTS; SLDCs for embedded solar. Limited visibility of embedded solar data.

9. राष्ट्रीय स्तर पर दैनिक अधिकतम विद्युत मांग पूर्ति
DAILY MAXIMUM DEMAND MET AT NATIONAL LEVEL

माह: अप्रैल 2025 MONTH:- APR 2025

सभी आंकड़े मेगावाट में All figures in MW

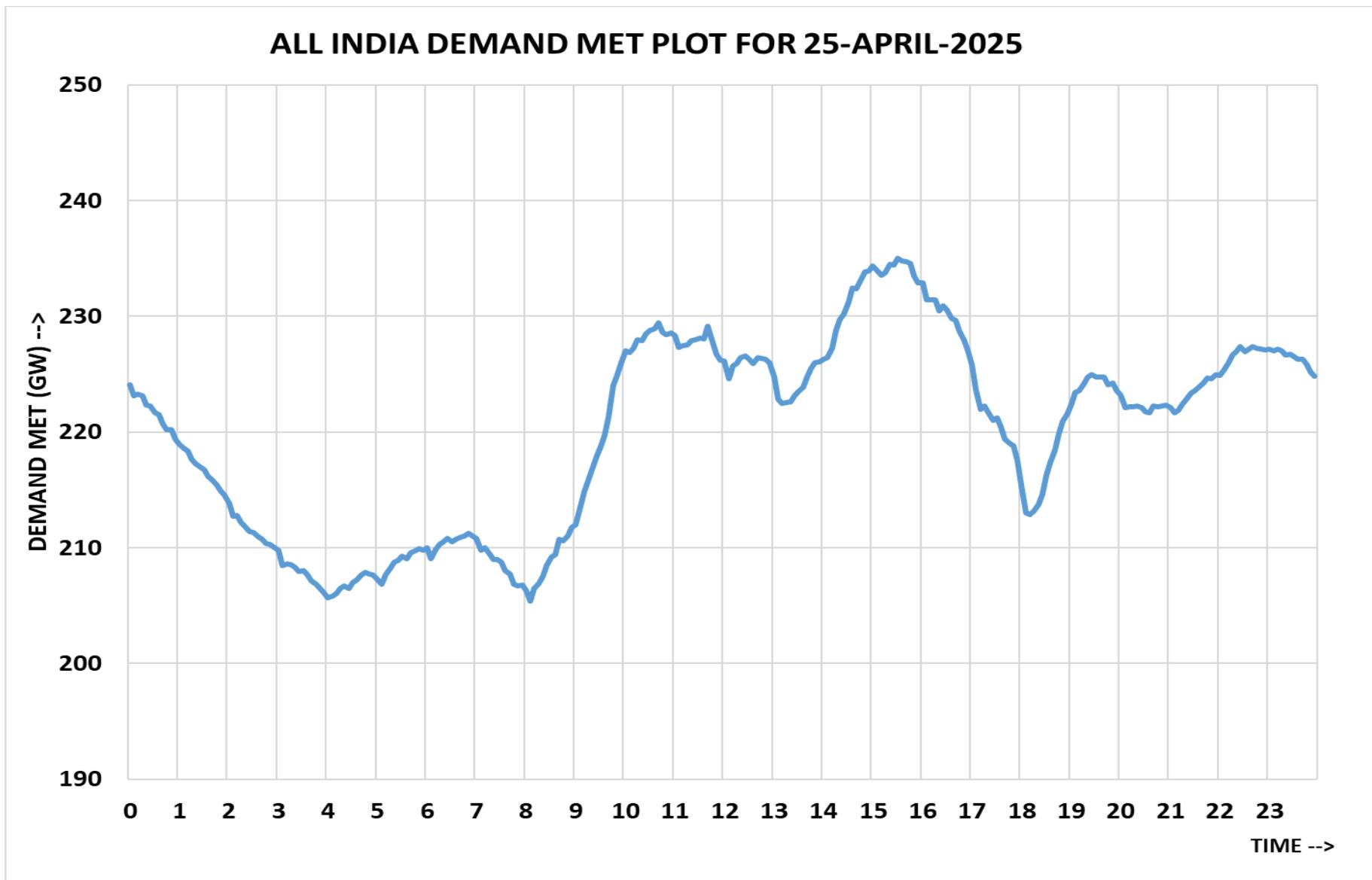
| दिनांक Date | ऊतरी क्षे. NR | पश्चिमी क्षे. WR | दक्षिणी क्षे. SR | पूर्वी क्षे. ER | पूर्वोत्तर क्षे. NER | कुल TOTAL | विभिन्नता फैक्टर Diversity Factor* |
|----------------------------------|------------------|---------------------|---------------------|--------------------|-------------------------|--------------|---------------------------------------|
| 01-Apr-25 | 57399 | 72342 | 66169 | 27184 | 3176 | 216693 | 1.044 |
| 02-Apr-25 | 57361 | 71322 | 66598 | 26591 | 3219 | 213902 | 1.052 |
| 03-Apr-25 | 58055 | 71535 | 63684 | 26886 | 3241 | 213742 | 1.045 |
| 04-Apr-25 | 59452 | 71490 | 59375 | 27132 | 3262 | 210238 | 1.050 |
| 05-Apr-25 | 59920 | 73183 | 57873 | 27991 | 3055 | 210820 | 1.053 |
| 06-Apr-25 | 57532 | 69866 | 53950 | 27675 | 2895 | 199416 | 1.063 |
| 07-Apr-25 | 61133 | 76299 | 60414 | 29180 | 3269 | 216332 | 1.065 |
| 08-Apr-25 | 62778 | 77094 | 62388 | 28650 | 3362 | 221557 | 1.057 |
| 09-Apr-25 | 63242 | 77593 | 62758 | 28271 | 3244 | 223554 | 1.052 |
| 10-Apr-25 | 59814 | 75096 | 63324 | 27706 | 2752 | 212311 | 1.077 |
| 11-Apr-25 | 54658 | 73520 | 61130 | 24357 | 3120 | 207279 | 1.046 |
| 12-Apr-25 | 58407 | 73436 | 59848 | 24756 | 3296 | 207229 | 1.060 |
| 13-Apr-25 | 56652 | 69510 | 55641 | 24586 | 2982 | 198028 | 1.057 |
| 14-Apr-25 | 62863 | 75334 | 57861 | 24416 | 3122 | 207497 | 1.078 |
| 15-Apr-25 | 65440 | 77001 | 59418 | 25309 | 3014 | 215142 | 1.070 |
| 16-Apr-25 | 66805 | 77826 | 58556 | 26895 | 2886 | 219879 | 1.060 |
| 17-Apr-25 | 66697 | 78909 | 60812 | 26230 | 2939 | 220742 | 1.067 |
| 18-Apr-25 | 65515 | 77119 | 59929 | 24071 | 3054 | 213872 | 1.074 |
| 19-Apr-25 | 66954 | 75497 | 60182 | 27140 | 3207 | 220282 | 1.058 |
| 20-Apr-25 | 66253 | 72469 | 55364 | 28275 | 2821 | 215758 | 1.044 |
| 21-Apr-25 | 64886 | 78503 | 60790 | 28898 | 3139 | 227118 | 1.040 |
| 22-Apr-25 | 67618 | 79256 | 62182 | 30468 | 2975 | 227765 | 1.065 |
| 23-Apr-25 | 68167 | 79522 | 63145 | 31159 | 2747 | 226955 | 1.078 |
| 24-Apr-25 | 68394 | 79996 | 64086 | 31362 | 3171 | 233319 | 1.059 |
| 25-Apr-25 | 69486 | 78773 | 64560 | 31150 | 3127 | 235190 | 1.051 |
| 26-Apr-25 | 68430 | 78122 | 63766 | 30901 | 3281 | 232465 | 1.052 |
| 27-Apr-25 | 66451 | 72459 | 57430 | 26709 | 2979 | 218771 | 1.033 |
| 28-Apr-25 | 69865 | 76846 | 62298 | 25397 | 2574 | 225997 | 1.049 |
| 29-Apr-25 | 69985 | 75208 | 62571 | 25697 | 2853 | 222992 | 1.060 |
| 30-Apr-25 | 70768 | 75922 | 60331 | 25241 | 3150 | 223869 | 1.052 |
| उच्चतम MAXIMUM | 70768 | 79996 | 66598 | 31362 | 3362 | 235190 | 1.078 |
| निम्नतम MINIMUM | 54658 | 69510 | 53950 | 24071 | 2574 | 198028 | 1.033 |
| औसत AVERAGE | 63699 | 75368 | 60881 | 27343 | 3064 | 217957 | 1.057 |
| अब तक का उच्चतम All Time Max. | 91215 | 80000 | 69942 | 32531 | 3905 | 250070 | |
| दिनांक Date | 19.06.24 | 08.02.25 | 21.03.25 | 10.06.24 | 19.09.24 | 30.05.24 | |

* Diversity factor = (Sum of regional max demands) / All India max demand

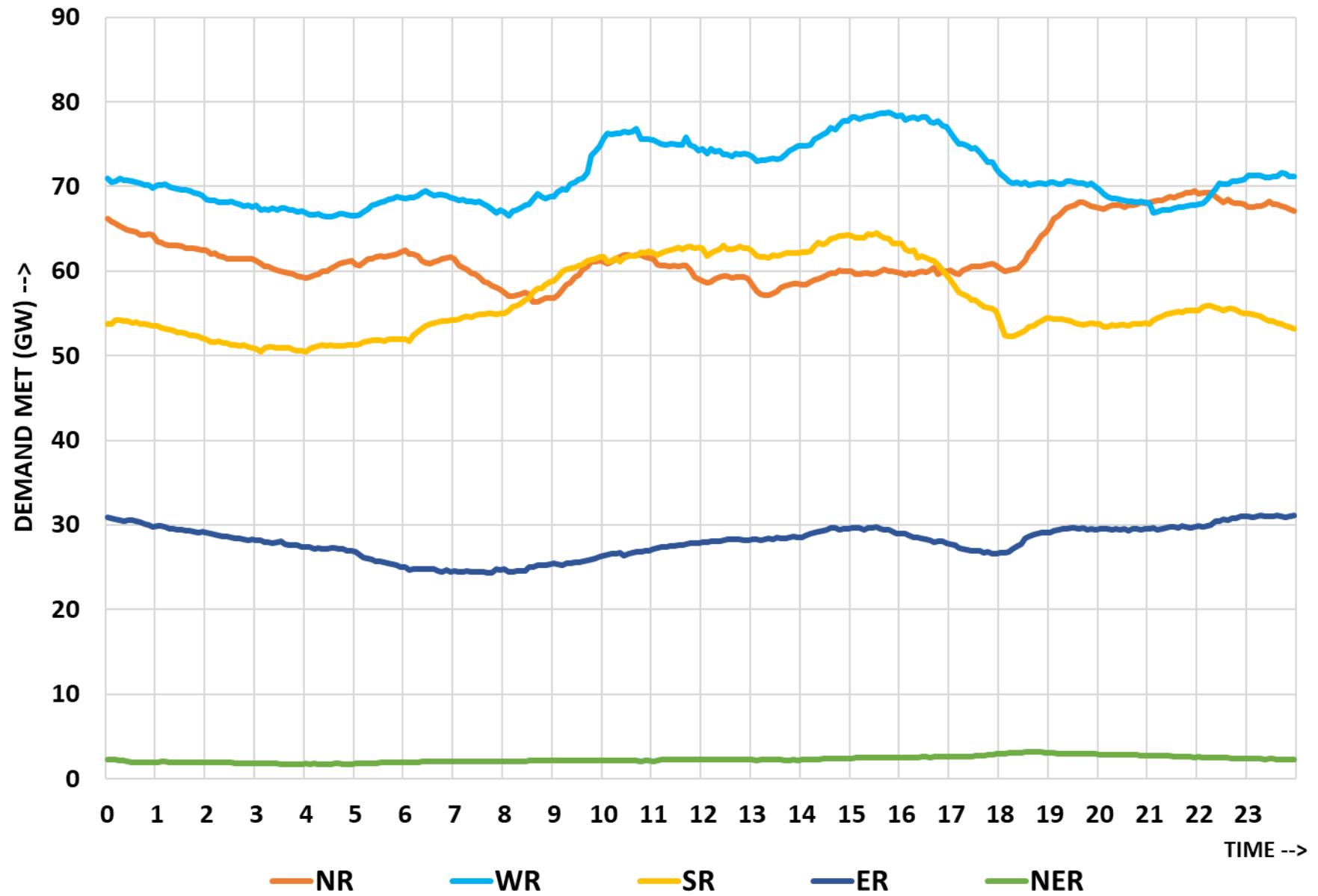
नोट : यह आंकड़े एनएलडीसी स्काइडा प्रणाली में दर्ज दैनिक अधिकतम मांगपूर्ति दर्शाते हैं।

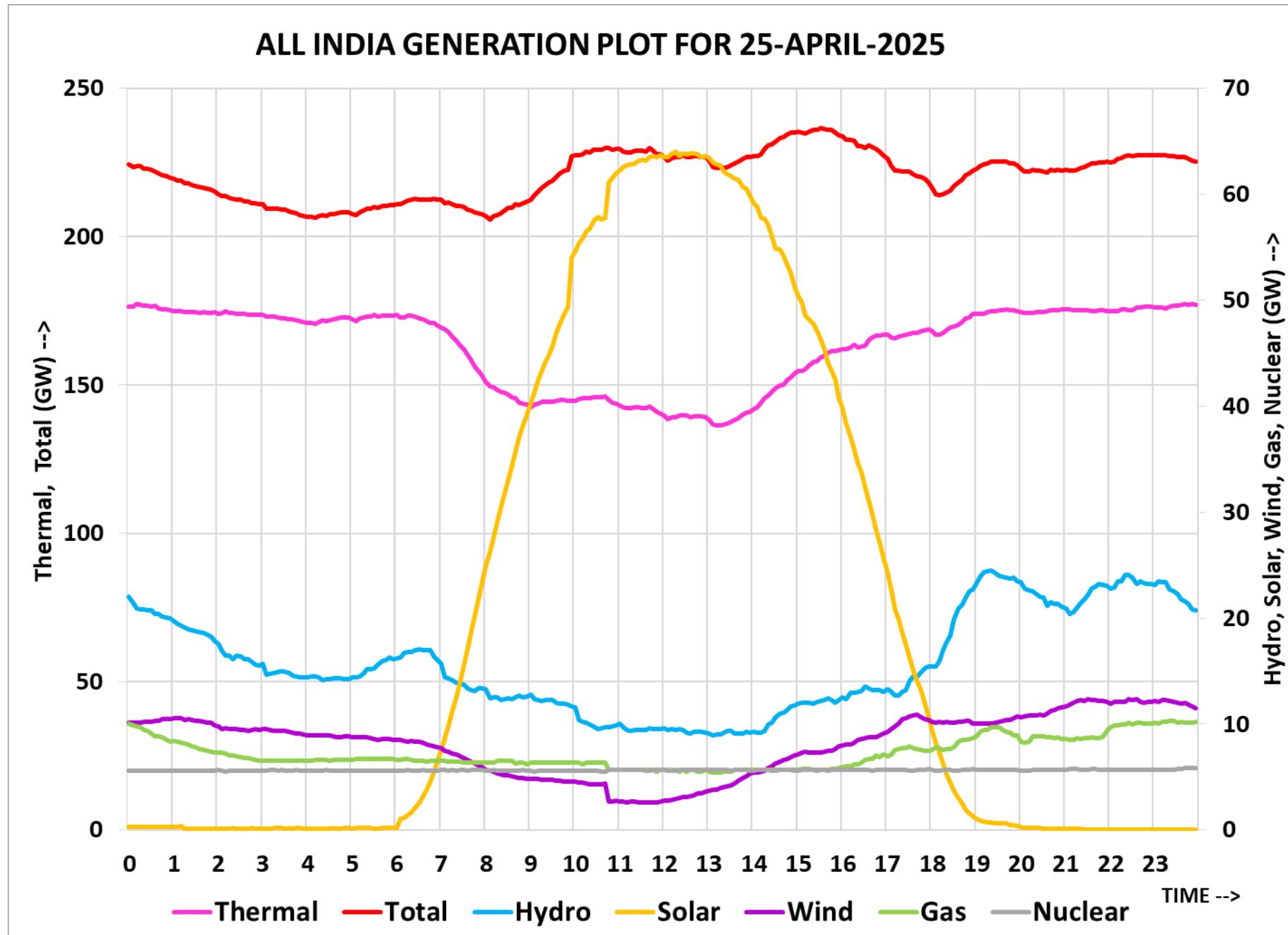
Note: The above figures denote daily maximum demand met recorded in NLDC SCADA.

10. DEMAND AND GENERATION PLOTS FOR 25thAPR (MAXIMUM DEMAND MET)

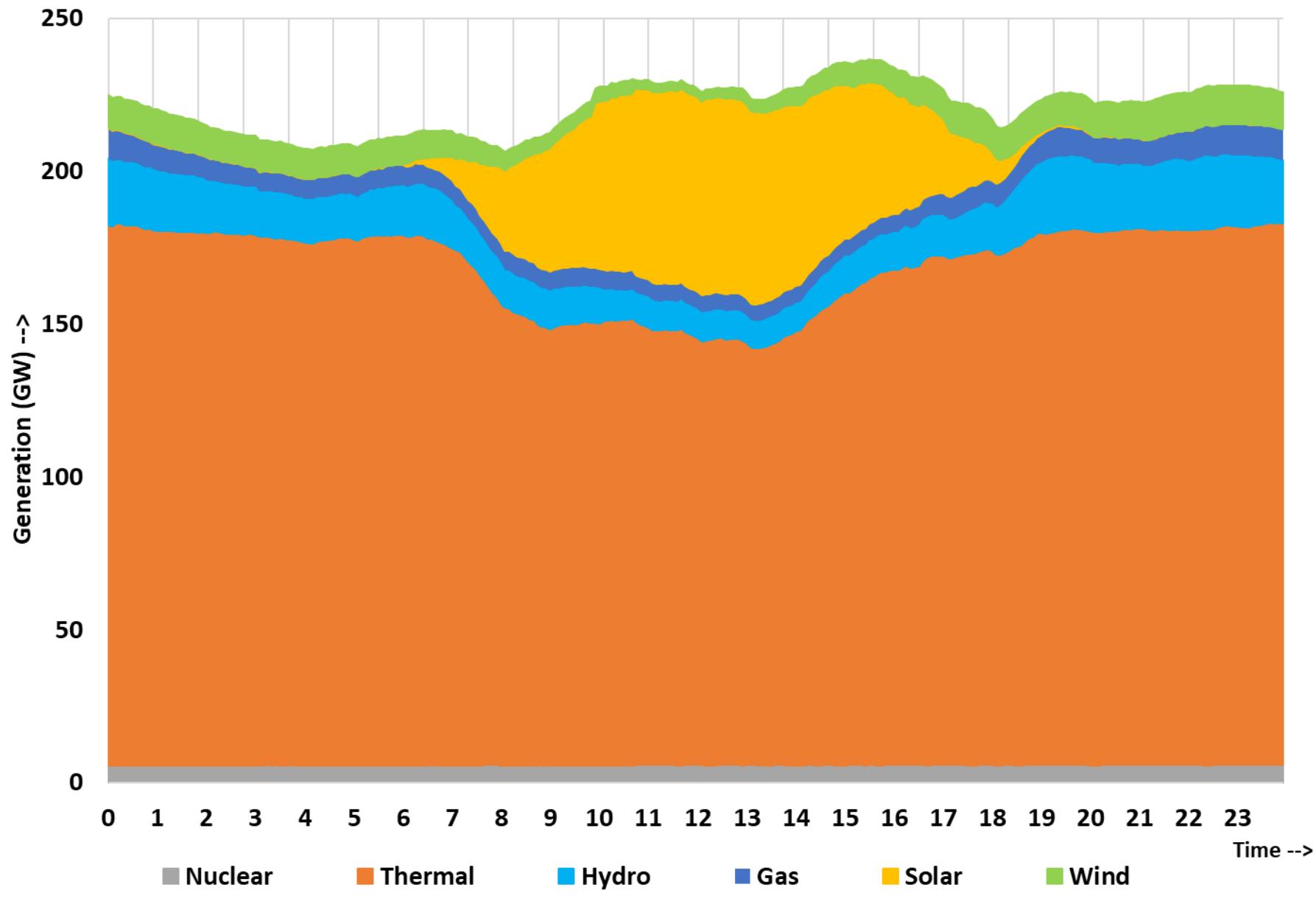


REGIONAL DEMAND MET PLOT FOR 25-APRIL-2025





ALL INDIA Fuel-wise Generation Patterns for 25-APRIL-2025



25 अप्रैल 2025 (अधिकतम माँग) की आल इंडिया माँग आपूर्ति
ALL INDIA DEMAND MET FOR 25 APRIL 2025 (MAXIMUM DEMAND*)

| Time (hrs) | All India Demand (MW) | | Time (hrs) | All India Demand (MW) |
|------------|-----------------------|--|------------|-----------------------|
| 00:05 | 223112 | | 12:05 | 224592 |
| 00:20 | 222308 | | 12:20 | 226436 |
| 00:35 | 221542 | | 12:35 | 225913 |
| 00:50 | 220177 | | 12:50 | 226297 |
| 01:05 | 218566 | | 13:05 | 222864 |
| 01:20 | 217305 | | 13:20 | 222600 |
| 01:35 | 216177 | | 13:35 | 223875 |
| 01:50 | 214952 | | 13:50 | 225994 |
| 02:05 | 212728 | | 14:05 | 226423 |
| 02:20 | 211802 | | 14:20 | 229770 |
| 02:35 | 210945 | | 14:35 | 232446 |
| 02:50 | 210309 | | 14:50 | 233810 |
| 03:05 | 208495 | | 15:05 | 233922 |
| 03:20 | 208342 | | 15:20 | 234516 |
| 03:35 | 207677 | | 15:35 | 234825 |
| 03:50 | 206465 | | 15:50 | 233458 |
| 04:05 | 205849 | | 16:05 | 231424 |
| 04:20 | 206683 | | 16:20 | 230473 |
| 04:35 | 207220 | | 16:35 | 229820 |
| 04:50 | 207713 | | 16:50 | 227929 |
| 05:05 | 206861 | | 17:05 | 223642 |
| 05:20 | 208785 | | 17:20 | 221700 |
| 05:35 | 209063 | | 17:35 | 220414 |
| 05:50 | 209908 | | 17:50 | 218778 |
| 06:05 | 209088 | | 18:05 | 212983 |
| 06:20 | 210535 | | 18:20 | 213778 |
| 06:35 | 210707 | | 18:35 | 217342 |
| 06:50 | 211234 | | 18:50 | 220936 |
| 07:05 | 209785 | | 19:05 | 223445 |
| 07:20 | 208987 | | 19:20 | 224767 |
| 07:35 | 208006 | | 19:35 | 224776 |
| 07:50 | 206722 | | 19:50 | 224264 |
| 08:05 | 205394 | | 20:05 | 222093 |
| 08:20 | 207508 | | 20:20 | 222278 |
| 08:35 | 209401 | | 20:35 | 221644 |
| 08:50 | 211030 | | 20:50 | 222241 |
| 09:05 | 213265 | | 21:05 | 221652 |
| 09:20 | 216756 | | 21:20 | 222925 |
| 09:35 | 219724 | | 21:35 | 223937 |
| 09:50 | 224866 | | 21:50 | 224636 |
| 10:05 | 226864 | | 22:05 | 225311 |
| 10:20 | 227918 | | 22:20 | 226981 |
| 10:35 | 228928 | | 22:35 | 227183 |
| 10:50 | 228386 | | 22:50 | 227205 |
| 11:05 | 227317 | | 23:05 | 227038 |
| 11:20 | 227896 | | 23:20 | 226654 |
| 11:35 | 228030 | | 23:35 | 226318 |
| 11:50 | 226734 | | 23:50 | 225195 |

Maximum Demand of 235190 MW met@ 15:32 hrs (from 1 min. interval SCADA DATA)

* 15 minute interval SCADA DATA of instantaneous demand

11. ACTUAL POWER SUPPLY POSITION - APRIL 2025

| REGION | STATE | Energy Requirement & Met (MU/Day) | | | Energy Requirement & Met (MU) | | | | Peak Demand/Peak Met in MW | | | |
|-----------|------------------------|-----------------------------------|------------|-----------------------|-------------------------------|------------|-----------------------|------------|----------------------------|-----------------|-----------------------|------------|
| | | Requirement | Energy met | Surplus(+)/Deficit(-) | Requirement | Energy met | Surplus(+)/Deficit(-) | % Shortage | Requirement | Peak Demand Met | Surplus(+)/Deficit(-) | % Shortage |
| NR | Chandigarh | 5 | 5 | 0.0 | 150 | 150 | 0 | 0.0 | 322 | 322 | 0 | 0.0 |
| | Delhi | 104 | 104 | 0.0 | 3131 | 3131 | 0 | 0.0 | 6014 | 6014 | 0 | 0.0 |
| | Haryana | 174 | 174 | -0.4 | 5225 | 5211 | -13 | -0.3 | 9937 | 9937 | 0 | 0.0 |
| | Himachal Pradesh | 33 | 33 | 0.0 | 995 | 995 | 0 | 0.0 | 1818 | 1818 | 0 | 0.0 |
| | J&K(UT) and Ladakh(UT) | 54 | 54 | 0.0 | 1625 | 1624 | -1 | -0.1 | 2875 | 2875 | 0 | 0.0 |
| | Punjab | 176 | 176 | 0.0 | 5266 | 5266 | 0 | 0.0 | 11276 | 11276 | 0 | 0.0 |
| | Rajasthan | 295 | 295 | 0.0 | 8841 | 8841 | 0 | 0.0 | 15800 | 15800 | 0 | 0.0 |
| | Uttar Pradesh | 435 | 435 | -0.1 | 13043 | 13042 | -2 | 0.0 | 26278 | 26278 | 0 | 0.0 |
| | Uttarakhand | 44 | 44 | -0.3 | 1326 | 1318 | -8 | -0.6 | 2460 | 2305 | -155 | -6.3 |
| | Railway_NR ISTS | 4 | 4 | 0.0 | 125 | 125 | 0 | 0.0 | 226 | 226 | 0 | 0.0 |
| WR | NFL | 0 | 0 | 0.0 | 2 | 2 | 0 | 0.0 | 7 | 7 | 0 | 0.0 |
| | TOTAL | 1324 | 1324 | -0.8 | 39729 | 39705 | -24 | -0.1 | 69880 | 69880 | 0 | 0.0 |
| | Gujarat | 494 | 494 | 0.0 | 14835 | 14834 | 0 | 0.0 | 26430 | 26421 | -9 | 0.0 |
| | Madhya Pradesh | 295 | 295 | -0.5 | 8862 | 8848 | -15 | -0.2 | 14520 | 14486 | -34 | -0.2 |
| | Chhattisgarh | 145 | 143 | -1.1 | 4337 | 4303 | -34 | -0.8 | 6819 | 6819 | 0 | 0.0 |
| | Maharashtra | 664 | 664 | -0.6 | 19925 | 19906 | -19 | -0.1 | 30659 | 30659 | 0 | 0.0 |
| | Goa | 17 | 17 | 0.0 | 513 | 513 | 0 | 0.0 | 824 | 821 | -3 | -0.4 |
| | DNHDDPCL | 30 | 30 | 0.0 | 906 | 906 | 0 | 0.0 | 1373 | 1373 | 0 | 0.0 |
| | AMNSIL | 19 | 19 | 0.0 | 558 | 558 | 0 | 0.0 | 917 | 917 | 0 | 0.0 |
| | BALCO | 13 | 13 | 0.0 | 380 | 380 | 0 | 0.0 | 534 | 534 | 0 | 0.0 |
| SR | RIL JAMNAGAR* | 3 | 3 | 0.0 | 85 | 85 | 0 | 0.0 | 198 | 198 | 0 | 0.0 |
| | TOTAL | 1680 | 1678 | -2.3 | 50400 | 50331 | -68 | -0.1 | 80052 | 80052 | 0 | 0.0 |
| | Andhra Pradesh | 236 | 236 | 0.0 | 7089 | 7089 | 0 | 0.0 | 13117 | 13117 | 0 | 0.0 |
| | Telangana | 249 | 249 | 0.0 | 7470 | 7470 | 0 | 0.0 | 14925 | 14925 | 0 | 0.0 |
| | Karnataka | 295 | 295 | 0.0 | 8840 | 8840 | 0 | 0.0 | 17330 | 17330 | 0 | 0.0 |
| | Kerala | 95 | 95 | 0.0 | 2850 | 2850 | 0 | 0.0 | 5139 | 5139 | 0 | 0.0 |
| | Tamil Nadu | 396 | 396 | 0.0 | 11892 | 11892 | 0 | 0.0 | 20148 | 20148 | 0 | 0.0 |
| ER | Puducherry | 11 | 11 | 0.0 | 320 | 320 | 0 | 0.0 | 544 | 544 | 0 | 0.0 |
| | TOTAL | 1282 | 1282 | 0.0 | 38460 | 38460 | 0 | 0.0 | 66694 | 66694 | 0 | 0.0 |
| | Bihar | 122 | 121 | -0.3 | 3654 | 3644 | -10 | -0.3 | 7674 | 7399 | -275 | -3.6 |
| | Jharkhand | 42 | 42 | -0.1 | 1259 | 1255 | -4 | -0.3 | 2224 | 2224 | 0 | 0.0 |
| | DVC | 70 | 70 | 0.0 | 2110 | 2110 | 0 | 0.0 | 3544 | 3544 | 0 | 0.0 |
| | Odisha | 126 | 126 | 0.0 | 3771 | 3771 | 0 | 0.0 | 6667 | 6667 | 0 | 0.0 |
| | West Bengal | 221 | 221 | 0.0 | 6629 | 6629 | 0 | 0.0 | 12386 | 12386 | 0 | 0.0 |
| NER | Sikkim | 1 | 1 | 0.0 | 45 | 45 | 0 | 0.0 | 104 | 104 | 0 | 0.0 |
| | Railways_ER ISTS | 0 | 0 | 0.0 | 5 | 5 | 0 | 0.0 | 28 | 28 | 0 | 0.0 |
| | TOTAL | 582 | 582 | -0.5 | 17472 | 17458 | -14 | -0.1 | 31592 | 31362 | -230 | -0.7 |
| | Arunachal Pradesh | 3 | 3 | 0.0 | 86 | 86 | 0 | 0.0 | 172 | 172 | 0 | 0.0 |
| | Assam | 34 | 34 | 0.0 | 1012 | 1012 | 0 | 0.0 | 2081 | 2054 | -27 | -1.3 |
| | Manipur | 3 | 3 | -0.1 | 86 | 84 | -2 | -2.6 | 228 | 228 | 0 | 0.0 |
| | Meghalaya | 5 | 5 | 0.0 | 164 | 164 | 0 | 0.0 | 340 | 340 | 0 | 0.0 |
| ALL INDIA | Mizoram | 2 | 2 | 0.0 | 60 | 60 | 0 | 0.0 | 138 | 138 | 0 | 0.0 |
| | Nagaland | 3 | 3 | 0.0 | 76 | 76 | 0 | 0.0 | 176 | 176 | 0 | 0.0 |
| | Tripura | 6 | 6 | 0.0 | 166 | 166 | 0 | 0.0 | 334 | 334 | 0 | 0.0 |
| | TOTAL | 55 | 55 | -0.1 | 1650 | 1648 | -2 | -0.1 | 3344 | 3344 | 0 | 0.0 |
| | ALL INDIA | 4924 | 4920 | -3.6 | 147712 | 147603 | -109 | -0.1 | | | | |

* RIL Jamnagar has been added as new entity wef 01.12.2024

NOTE: BASED ON THE DATA FURNISHED BY ENTITIES ON DAILY BASIS

12. ENERGY COMPARISON OF APRIL 2025 vs APRIL 2024

| REGION | STATE | Energy Requirement (MU) | | | | | Energy Met (MU) | | | | |
|-----------|------------------------|-------------------------|--------|------------|----------|---------------------------|-----------------|--------|------------|----------|---------------------------|
| | | Apr-24 | Apr-25 | Difference | % Change | Average MU/day for Oct-24 | Apr-24 | Apr-25 | Difference | % Change | Average MU/day for Oct-24 |
| NR | Chandigarh | 131 | 150 | 19 | 15 | 5 | 131 | 150 | 19 | 15 | 5 |
| | Delhi | 2843 | 3131 | 289 | 10 | 104 | 2843 | 3131 | 289 | 10 | 104 |
| | Haryana | 4671 | 5225 | 553 | 12 | 174 | 4671 | 5211 | 540 | 12 | 174 |
| | Himachal Pradesh | 943 | 995 | 52 | 6 | 33 | 942 | 995 | 53 | 6 | 33 |
| | J&K(UT) and Ladakh(UT) | 1521 | 1625 | 104 | 7 | 54 | 1511 | 1624 | 113 | 7 | 54 |
| | Punjab | 4610 | 5266 | 656 | 14 | 176 | 4610 | 5266 | 656 | 14 | 176 |
| | Rajasthan | 8142 | 8841 | 699 | 9 | 295 | 8137 | 8841 | 704 | 9 | 295 |
| | Uttar Pradesh | 13093 | 13043 | -50 | 0 | 435 | 13093 | 13042 | -52 | 0 | 435 |
| | Uttarakhand | 1306 | 1326 | 20 | 2 | 44 | 1305 | 1318 | 14 | 1 | 44 |
| | Railway_NR ISTS/NFL | 121 | 127 | 6 | 5 | 4 | 121 | 127 | 6 | 5 | 4 |
| WR | TOTAL | 37381 | 39729 | 2349 | 6 | 1324 | 37363 | 39705 | 2342 | 6 | 1324 |
| | Gujarat | 14015 | 14835 | 819 | 6 | 494 | 14015 | 14834 | 819 | 6 | 494 |
| | Madhya Pradesh | 8018 | 8862 | 844 | 11 | 295 | 7998 | 8848 | 849 | 11 | 295 |
| | Chhattisgarh | 3978 | 4337 | 359 | 9 | 145 | 3976 | 4303 | 327 | 8 | 143 |
| | Maharashtra | 18528 | 19925 | 1397 | 8 | 664 | 18526 | 19906 | 1380 | 7 | 664 |
| | Goa | 480 | 513 | 33 | 7 | 17 | 479 | 513 | 34 | 7 | 17 |
| | DNHDDPDCL | 864 | 906 | 41 | 5 | 30 | 864 | 906 | 41 | 5 | 30 |
| | AMNSIL | 571 | 558 | -13 | -2 | 19 | 571 | 558 | -13 | -2 | 19 |
| | BALCO | 374 | 380 | 6 | 2 | 13 | 374 | 380 | 6 | 2 | 13 |
| | RIL JAMNAGAR* | - | 85 | - | - | - | - | 85 | - | - | - |
| SR | TOTAL | 46828 | 50400 | 3572 | 8 | 1680 | 46804 | 50331 | 3527 | 8 | 1678 |
| | Andhra Pradesh | 7347 | 7089 | -258 | -4 | 236 | 7347 | 7089 | -258 | -4 | 236 |
| | Telangana | 7298 | 7470 | 172 | 2 | 249 | 7298 | 7470 | 172 | 2 | 249 |
| | Karnataka | 9462 | 8840 | -622 | -7 | 295 | 9462 | 8840 | -622 | -7 | 295 |
| | Kerala | 3191 | 2850 | -341 | -11 | 95 | 3191 | 2850 | -341 | -11 | 95 |
| | Tamil Nadu | 12649 | 11892 | -757 | -6 | 396 | 12649 | 11892 | -757 | -6 | 396 |
| | Puducherry | 320 | 320 | 0 | 0 | 11 | 320 | 320 | 0 | 0 | 11 |
| ER | TOTAL | 40267 | 38460 | -1807 | -4 | 1282 | 40267 | 38460 | -1807 | -4 | 1282 |
| | Bihar | 3871 | 3654 | -217 | -6 | 122 | 3844 | 3644 | -200 | -5 | 121 |
| | Jharkhand | 1312 | 1259 | -54 | -4 | 42 | 1284 | 1255 | -29 | -2 | 42 |
| | DVC | 2199 | 2110 | -90 | -4 | 70 | 2199 | 2110 | -89 | -4 | 70 |
| | Odisha | 3901 | 3771 | -130 | -3 | 126 | 3901 | 3771 | -130 | -3 | 126 |
| | West Bengal | 7027 | 6629 | -398 | -6 | 221 | 7027 | 6629 | -398 | -6 | 221 |
| | Sikkim | 47 | 45 | -2 | -4 | 1 | 47 | 45 | -2 | -4 | 1 |
| | Railways_ER ISTS | 4 | 5 | 2 | 41 | 0 | 4 | 5 | 2 | 41 | 0 |
| NER | TOTAL | 18361 | 17472 | -889 | -5 | 582 | 18305 | 17458 | -847 | -5 | 582 |
| | Arunachal Pradesh | 75 | 86 | 12 | 15 | 3 | 75 | 86 | 12 | 15 | 3 |
| | Assam | 994 | 1012 | 19 | 2 | 34 | 994 | 1012 | 19 | 2 | 34 |
| | Manipur | 85 | 86 | 1 | 2 | 3 | 85 | 84 | -1 | -1 | 3 |
| | Meghalaya | 166 | 164 | -2 | -1 | 5 | 166 | 164 | -2 | -1 | 5 |
| | Mizoram | 56 | 60 | 4 | 7 | 2 | 56 | 60 | 4 | 7 | 2 |
| | Nagaland | 67 | 76 | 9 | 13 | 3 | 67 | 76 | 9 | 13 | 3 |
| | Tripura | 167 | 166 | -1 | 0 | 6 | 167 | 166 | -1 | 0 | 6 |
| | TOTAL | 1608 | 1650 | 42 | 3 | 55 | 1608 | 1648 | 40 | 2 | 55 |
| ALL INDIA | | 144445 | 147712 | 3267 | 2 | 4924 | 144348 | 147603 | 3255 | 2 | 4920 |

* RIL Jamnagar has been added as new entity wef 01.12.2024

13. DEMAND COMPARISON OF APRIL 2025 vs APRIL 2024

| REGION | STATE | Peak Requirement (MW) | | | | Peak Met (MW) | | | |
|--------|------------------------|-----------------------|--------|------------|----------|---------------|--------|------------|----------|
| | | Apr-24 | Apr-25 | Difference | % Change | Apr-24 | Apr-25 | Difference | % Change |
| NR | Chandigarh | 258 | 322 | 64 | 24.8 | 258 | 322 | 64 | 24.8 |
| | Delhi | 5447 | 6014 | 567 | 10.4 | 5447 | 6014 | 567 | 10.4 |
| | Haryana | 9502 | 9937 | 435 | 4.6 | 9502 | 9937 | 435 | 4.6 |
| | Himachal Pradesh | 1819 | 1818 | -1 | -0.1 | 1819 | 1818 | -1 | -0.1 |
| | J&K(UT) and Ladakh(UT) | 2924 | 2875 | -49 | -1.7 | 2924 | 2875 | -49 | -1.7 |
| | Punjab | 10061 | 11276 | 1215 | 12.1 | 10061 | 11276 | 1215 | 12.1 |
| | Rajasthan | 14283 | 15800 | 1517 | 10.6 | 14283 | 15800 | 1517 | 10.6 |
| | Uttar Pradesh | 25462 | 26278 | 816 | 3.2 | 25462 | 26278 | 816 | 3.2 |
| | Uttarakhand | 2357 | 2460 | 103 | 4.4 | 2357 | 2305 | -52 | -2.2 |
| | Railway_NR ISTS/NFL | 225 | 233 | 8 | 3.6 | 225 | 233 | 8 | 3.6 |
| WR | Gujarat | 23933 | 26430 | 2498 | 10 | 23916 | 26421 | 2505 | 10.5 |
| | Madhya Pradesh | 13151 | 14520 | 1369 | 10 | 13151 | 14486 | 1335 | 10.2 |
| | Chhattisgarh | 6367 | 6819 | 452 | 7 | 6347 | 6819 | 472 | 7.4 |
| | Maharashtra | 28924 | 30659 | 1735 | 6 | 28924 | 30659 | 1735 | 6.0 |
| | Goa | 803 | 824 | 21 | 3 | 803 | 821 | 18 | 2.2 |
| | DNHDDPDCL | 1292 | 1373 | 81 | 6.3 | 1292 | 1373 | 81 | 6.3 |
| | AMNSIL | 922 | 917 | -5 | -0.6 | 922 | 917 | -5 | -0.6 |
| | BALCO | 526 | 534 | 9 | 1.6 | 526 | 534 | 9 | 1.6 |
| | RIL JAMNAGAR* | - | 198 | - | - | - | 198 | - | - |
| | Andhra Pradesh | 12494 | 13117 | 623 | 5.0 | 13418 | 13117 | -301 | -2.2 |
| SR | Telangana | 14517 | 14925 | 408 | 2.8 | 13884 | 14925 | 1041 | 7.5 |
| | Karnataka | 16110 | 17330 | 1220 | 7.6 | 16985 | 17330 | 345 | 2.0 |
| | Kerala | 5028 | 5139 | 111 | 2.2 | 5646 | 5139 | -507 | -9.0 |
| | Tamil Nadu | 19387 | 20148 | 761 | 3.9 | 20701 | 20148 | -553 | -2.7 |
| | Puducherry | 474 | 544 | 70 | 14.8 | 517 | 544 | 27 | 5.2 |
| | Bihar | 6820 | 7674 | 854 | 12.5 | 7051 | 7399 | 348 | 4.9 |
| ER | Jharkhand | 1857 | 2224 | 367 | 19.8 | 2187 | 2224 | 37 | 1.7 |
| | DVC | 3751 | 3544 | -207 | -5.5 | 3551 | 3544 | -7 | -0.2 |
| | Odisha | 7192 | 6667 | -525 | -7.3 | 6860 | 6667 | -193 | -2.8 |
| | West Bengal | 11868 | 12386 | 518 | 4.4 | 12756 | 12386 | -370 | -2.9 |
| | Sikkim | 105 | 104 | -1 | -1.0 | 105 | 104 | -1 | -1.0 |
| | Railways_ER ISTS | 11 | 28 | 17 | 145.8 | 18 | 28 | 10 | 55.6 |
| | Arunachal Pradesh | 155 | 172 | 17 | 11.0 | 185 | 172 | -13 | -7.0 |
| NER | Assam | 2013 | 2081 | 68 | 3.4 | 2012 | 2054 | 42 | 2.1 |
| | Manipur | 213 | 228 | 15 | 7.2 | 214 | 228 | 14 | 6.5 |
| | Meghalaya | 336 | 340 | 4 | 1.2 | 408 | 340 | -68 | -16.7 |
| | Mizoram | 127 | 138 | 11 | 8.8 | 130 | 138 | 8 | 6.2 |
| | Nagaland | 150 | 176 | 26 | 17.3 | 166 | 176 | 10 | 6.0 |
| | Tripura | 338 | 334 | -4 | -1.0 | 363 | 334 | -29 | -8.0 |

* RIL Jamnagar has been added as new entity wef 01.12.2024

14. SCHEDULE AND DRAWAL OF CONSTITUENTS - APRIL 2025

| REGION | STATE | SCHEDULE (MU) | ACTUAL DRAWAL (MU) | Over drawal(+)/Under Drawal(-) (MU) | % OD/UD | SCHEDULE (MU/DAY) | ACTUAL DRAWAL (MU/DAY) | Over drawal(+)/Under Drawal(-) (MU/DAY) |
|-----------------|------------------------|---------------|--------------------|-------------------------------------|---------|-------------------|------------------------|---|
| NR | Chandigarh | 148.71 | 151.33 | 2.62 | 1.76 | 4.96 | 5.04 | 0.09 |
| | Delhi | 2804.06 | 2771.85 | -32.21 | -1.15 | 93.47 | 92.40 | -1.07 |
| | Haryana | 3637.77 | 3612.04 | -25.73 | -0.71 | 121.26 | 120.40 | -0.86 |
| | Himachal Pradesh | 428.85 | 411.19 | -17.66 | -4.12 | 14.30 | 13.71 | -0.59 |
| | J&K(UT) and Ladakh(UT) | 1214.15 | 1152.69 | -61.46 | -5.06 | 40.47 | 38.42 | -2.05 |
| | Punjab | 2252.36 | 2120.87 | -131.49 | -5.84 | 75.08 | 70.70 | -4.38 |
| | Rajasthan | 2477.42 | 2396.50 | -80.92 | -3.27 | 82.58 | 79.88 | -2.70 |
| | Uttar Pradesh | 4098.34 | 4069.10 | -29.24 | -0.71 | 136.61 | 135.64 | -0.97 |
| | Uttarakhand | 868.06 | 854.99 | -13.07 | -1.51 | 28.94 | 28.50 | -0.44 |
| | Railways_NR ISTS | 114.52 | 124.89 | 10.37 | 9.05 | 3.82 | 4.16 | 0.35 |
| | NFL | 2.57 | 2.34 | -0.22 | -8.65 | 0.09 | 0.08 | -0.01 |
| | Total | 18046.81 | 17667.80 | -379.01 | -2.10 | 601.56 | 588.93 | -12.63 |
| WR | Gujarat | 5541.54 | 5453.91 | -87.63 | -1.58 | 184.72 | 181.80 | -2.92 |
| | Madhya Pradesh | 5126.54 | 5051.51 | -75.03 | -1.46 | 170.88 | 168.38 | -2.50 |
| | Chhattisgarh | 2576.05 | 2579.72 | 3.67 | 0.14 | 85.87 | 85.99 | 0.12 |
| | Maharashtra | 7222.11 | 7229.15 | 7.04 | 0.10 | 240.74 | 240.97 | 0.23 |
| | Goa | 480.24 | 497.15 | 16.91 | 3.52 | 16.01 | 16.57 | 0.56 |
| | DNHDDPDCL | 910.40 | 905.77 | -4.63 | -0.51 | 30.35 | 30.19 | -0.15 |
| | AMNSIL | 257.92 | 265.12 | 7.20 | 2.79 | 8.60 | 8.84 | 0.24 |
| | BALCO | 380.39 | 380.13 | -0.26 | -0.07 | 12.68 | 12.67 | -0.01 |
| | RIL JAMNAGAR* | 84.77 | 84.78 | 0.01 | 0.01 | 2.83 | 2.83 | 0.00 |
| | Total | 22579.96 | 22447.24 | -132.72 | -0.59 | 752.67 | 748.24 | -4.42 |
| SR | Andhra Pradesh | 2300.56 | 2296.70 | -3.86 | -0.17 | 76.69 | 76.56 | -0.13 |
| | Telangana | 3479.89 | 3466.64 | -13.25 | -0.38 | 116.00 | 115.55 | -0.44 |
| | Karnataka | 3358.70 | 3326.23 | -32.47 | -0.97 | 111.96 | 110.87 | -1.08 |
| | Kerala | 2298.09 | 2290.71 | -7.38 | -0.32 | 76.60 | 76.36 | -0.25 |
| | Tamil Nadu | 7589.06 | 7532.06 | -57.00 | -0.75 | 252.97 | 251.07 | -1.90 |
| | Puducherry | 313.72 | 311.09 | -2.63 | -0.84 | 10.46 | 10.37 | -0.09 |
| | Goa (SR) | 70.51 | 70.74 | 0.23 | 0.33 | 2.35 | 2.36 | 0.01 |
| | Total | 19410.53 | 19294.17 | -116.36 | -0.60 | 647.02 | 643.14 | -3.88 |
| ER | Bihar | 3396.05 | 3351.07 | -44.98 | -1.32 | 113.20 | 111.70 | -1.50 |
| | Jharkhand | 1019.97 | 978.62 | -41.36 | -4.05 | 34.00 | 32.62 | -1.38 |
| | DVC | -1118.41 | -1116.02 | 2.39 | -0.21 | -37.28 | -37.20 | 0.08 |
| | Odisha | 1081.65 | 1050.84 | -30.81 | -2.85 | 36.06 | 35.03 | -1.03 |
| | West Bengal | 2645.64 | 2576.45 | -69.19 | -2.62 | 88.19 | 85.88 | -2.31 |
| | Sikkim | 39.27 | 44.53 | 5.26 | 13.41 | 1.31 | 1.48 | 0.18 |
| | Railways_ER ISTS | 5.91 | 5.49 | -0.42 | -7.12 | 0.20 | 0.18 | -0.01 |
| | Total | 7070.09 | 6890.99 | -179.10 | -2.53 | 235.67 | 229.70 | -5.97 |
| NER | Arunachal Pradesh | 86.17 | 83.60 | -2.57 | -2.98 | 2.87 | 2.79 | -0.09 |
| | Assam | 815.25 | 820.62 | 5.37 | 0.66 | 27.18 | 27.35 | 0.18 |
| | Manipur | 80.06 | 83.93 | 3.87 | 4.83 | 2.67 | 2.80 | 0.13 |
| | Meghalaya | 102.61 | 98.30 | -4.31 | -4.20 | 3.42 | 3.28 | -0.14 |
| | Mizoram | 55.37 | 50.67 | -4.70 | -8.49 | 1.85 | 1.69 | -0.16 |
| | Nagaland | 75.94 | 75.03 | -0.91 | -1.20 | 2.53 | 2.50 | -0.03 |
| | Tripura | 135.06 | 142.15 | 7.09 | 5.25 | 4.50 | 4.74 | 0.24 |
| | Total | 1350.46 | 1354.30 | 3.84 | 0.28 | 45.02 | 45.14 | 0.13 |
| All India Total | | 68457.85 | 67654.50 | -803.35 | -1.17 | 2281.93 | 2255.15 | -26.78 |

* RIL Jamnagar has been added as new entity wef 01.12.2024

15. INTER REGIONAL EXCHANGES 2025-26

(All figures in MU)

| | Apr'25 | Fin. Year 2025-26 |
|---|----------------|-------------------|
| Name of Line | | |
| Import of NR from WR (WR-NR) | | |
| WR - NR HVDC Champa- Kurukshetra | 1382.87 | 1382.87 |
| WR - NR HVDC VindhyaChal | 16.65 | 16.65 |
| WR - NR HVDC Mundra - M'garh | 896.71 | 896.71 |
| WR - NR 765 kV Gwalior - Agra 2xS/C | 375.96 | 375.96 |
| WR - NR 765 kV Gwalior-Phagi 2xS/C | 119.97 | 119.97 |
| WR - NR 765 kV Jabalpur- Orai D/C | 317.58 | 317.58 |
| WR - NR 765 kV Satna- Orai | 506.38 | 506.38 |
| WR - NR 765 kV Gwalior-Orai | 0.00 | 0.00 |
| WR - NR 765 kV Banaskata - Chittorgarh D/C | 17.73 | 17.73 |
| WR - NR 765 kV VindhyaChal - Varanasi | 1245.55 | 1245.55 |
| WR - NR 765 kV Neemach - Chittorgarh D/C | 0.00 | 0.00 |
| WR - NR 400 kV Zerda- Kankroli | 0.50 | 0.50 |
| WR - NR 400 kV Zerda- Bhinmal | 0.00 | 0.00 |
| WR - NR 400 kV Shujalpur - RAPP C D/C | 0.00 | 0.00 |
| WR - NR 400 KV VindhyaChal - Rihand D/C | 0.00 | 0.00 |
| WR - NR 220 kV Bhanpura - Ranpur | 62.23 | 62.23 |
| WR - NR 220 kV Bhanpura - Modak | 70.83 | 70.83 |
| WR - NR 220 kV Malanpur / Mehgaon - Auraiya | 0.00 | 0.00 |
| Total WR - NR | 5012.96 | 5012.96 |

| | Apr'25 | Fin. Year 2025-26 |
|--|----------------|-------------------|
| Name of Line | | |
| Export of NR to WR (NR-WR) | | |
| NR - WR HVDC Kurukshetra - Champa | 0.00 | 0.00 |
| NR - WR HVDC VindhyaChal | 43.26 | 43.26 |
| NR - WR HVDC M'garh - Mundra | 0.00 | 0.00 |
| NR - WR 765 kV Agra - Gwalior 2xS/C | 6.16 | 6.16 |
| NR - WR 765 kV Phagi - Gwalior 2xS/C | 11.05 | 11.05 |
| NR - WR 765 kV Orai - Jabalpur D/C | 8.98 | 8.98 |
| NR - WR 765 kV Orai - Satna | 0.00 | 0.00 |
| NR - WR 765 kV Orai - Gwalior | 345.16 | 345.16 |
| NR - WR 765 kV Chittorgarh - Banaskata D/C | 330.62 | 330.62 |
| NR - WR 765 kV Varanasi - VindhyaChal | 0.00 | 0.00 |
| NR - WR 765 kV Chittorgarh - Neemach D/C | 192.85 | 192.85 |
| NR - WR 400 kV Kankroli - Zerda | 180.27 | 180.27 |
| NR - WR 400 kV Bhinmal - Zerda | 0.00 | 0.00 |
| NR - WR 400 kV RAPP C - Shujalpur D/C | 179.68 | 179.68 |
| NR - WR 400 KV Rihand - VindhyaChal D/C | 627.94 | 627.94 |
| NR - WR 220 kV Ranpur - Bhanpura | 0.00 | 0.00 |
| NR - WR 220 kV Modak - Bhanpura | 0.00 | 0.00 |
| NR - WR 220 kV Auraiya - Malanpur/Mehgaon | 66.11 | 66.11 |
| Total NR - WR | 1992.08 | 1992.08 |

| | Apr'25 | Fin. Year 2025-26 |
|--|---------------|-------------------|
| Name of Line | | |
| Import of NR from ER (ER-NR) | | |
| ER - NR HVDC Alipurduar - Agra | 0.43 | 0.43 |
| ER - NR 765 kV Sasaram - Fatehpur | 77.99 | 77.99 |
| ER - NR 765 kV Gaya - Varanasi 2*S/C | 65.04 | 65.04 |
| ER - NR 765 kV Gaya - Balia | 186.58 | 186.58 |
| ER - NR 400 kV Patna - Balia D/C | 193.76 | 193.76 |
| ER - NR 400 kV Muzaffarpur - Gorakhpur D/C | 11.63 | 11.63 |
| ER - NR 400 kV Biharshariff - Balia D/C | 0.00 | 0.00 |
| ER - NR 400 kV Motihari - Gorakhpur D/C | 62.83 | 62.83 |
| ER - NR 400 kV Sasaram - Varanasi | 60.82 | 60.82 |
| ER - NR 400 kV Sasaram - Allahabad | 10.62 | 10.62 |
| ER - NR 400 kV Naubatpur - Balia D/C | 45.33 | 45.33 |
| ER - NR 400 kV Biharshariff - Sahupuri D/C | 25.32 | 25.32 |
| ER - NR 220 kV Sahupuri - Karamnasa | 5.66 | 5.66 |
| ER - NR 132 kV Sahupuri - Karamnasa | 0.96 | 0.96 |
| ER - NR 132 kV Nagar Untari - Rihand | 0.05 | 0.05 |
| ER - NR 132 kV Garhwa - Rihand | 0.00 | 0.00 |
| Total ER-NR | 747.02 | 747.02 |
| Import of NR from NER (NER-NR) | | |
| NER - NR HVDC Biswanath Chariali - Agra | 0.00 | 0.00 |
| Total NER - NR | 0.00 | 0.00 |

| | Apr'25 | Fin. Year 2025-26 |
|--|---------------|-------------------|
| Name of Line | | |
| Export of NR to ER (NR-ER) | | |
| NR - ER HVDC Agra - Alipurduar | 0.00 | 0.00 |
| NR - ER 765 kV Fatehpur - Sasaram | 6.26 | 6.26 |
| NR - ER 765 kV Varanasi - Gaya 2*S/C | 56.47 | 56.47 |
| NR - ER 765 kV Balia - Gaya | 0.00 | 0.00 |
| NR - ER 400 kV Balia - Patna D/C | 1.06 | 1.06 |
| NR - ER 400 kV Gorakhpur - Muzaffarpur D/C | 99.75 | 99.75 |
| NR - ER 400 kV Balia - Biharshariff D/C | 162.65 | 162.65 |
| NR - ER 400 kV Gorakhpur - Motihari D/C | 4.85 | 4.85 |
| NR - ER 400 kV Varanasi - Sasaram | 0.00 | 0.00 |
| NR - ER 400 kV Allahabad - Sasaram | 2.99 | 2.99 |
| NR - ER 400 kV Balia - Naubatpur D/C | 1.90 | 1.90 |
| NR - ER 400 kV Sahupuri - Biharshariff D/C | 25.78 | 25.78 |
| NR - ER 220 kV Karamnasa - Sahupuri | 7.75 | 7.75 |
| NR - ER 132 kV Karamnasa - Sahupuri | 0.20 | 0.20 |
| NR - ER 132 kV Rihand - Nagar Untari | 0.98 | 0.98 |
| NR - ER 132 kV Rihand - Garhwa | 14.20 | 14.20 |
| Total NR - ER | 384.84 | 384.84 |
| Export of NR to NER (NER-NR) | | |
| NR - NER HVDC Agra - Biswanath Chariali | 587.35 | 587.35 |
| Total NR - NER | 587.35 | 587.35 |

| | Apr'25 | Fin. Year 2025-26 |
|---|----------------|-------------------|
| Name of Line | | |
| Export of WR to ER (WR-ER) | | |
| WR - ER 765 kV Dharamjaygarh - Ranchi 2xS/C | 361.32 | 361.32 |
| WR - ER 765 kV Dharamjaygarh - Jharsuguda Q/C | 302.38 | 302.38 |
| WR - ER 765 kV Durg - Jharsuguda D/C | 0.00 | 0.00 |
| WR - ER 400 kV Sipat - Ranchi D/C | 44.41 | 44.41 |
| WR - ER 400 kV Raigarh - Jharsuguda- 2xD/C | 0.04 | 0.04 |
| WR - ER 220 kV Korba - Budhipadar D/C | 12.35 | 12.35 |
| WR - ER 220 kV Raigarh - Budhipadar | 0.10 | 0.10 |
| Total WR - ER | 720.61 | 720.61 |
| Import of WR from ER (ER - WR) | | |
| ER - WR 765 kV Dharamjaygarh - Ranchi 2xS/C | 79.61 | 79.61 |
| ER - WR 765 kV Dharamjaygarh - Jharsuguda D/C | 160.09 | 160.09 |
| ER - WR 765 kV Durg - Jharsuguda D/C | 503.09 | 503.09 |
| ER - WR 400 kV Sipat - Ranchi D/C | 55.76 | 55.76 |
| ER - WR 400 kV Raigarh - Jharsuguda- 2xD/C | 325.72 | 325.72 |
| ER - WR 220 kV Korba - Budhipadar D/C | 25.22 | 25.22 |
| ER - WR 220 kV Raigarh - Budhipadar | 50.11 | 50.11 |
| Total ER - WR | 1199.60 | 1199.60 |
| Export of ER to NER (ER - NER) | | |
| ER - NER 400 kV Binaguri - Bongaigaon D/C | 23.81 | 23.81 |
| ER - NER 400 kV Alipurduar - Bongaigaon D/C | 28.02 | 28.02 |
| ER - NER 220 kV Birpara - Salakati D/C | 3.15 | 3.15 |
| Total ER - NER | 54.98 | 54.98 |

| | Apr'25 | Fin. Year 2025-26 |
|---|----------------|-------------------|
| Name of Line | | |
| Import of ER from NER (NER - ER) | | |
| NER - ER 400 kV Binaguri - Bongaigaon D/C | 86.91 | 86.91 |
| NER - ER 400 kV Alipurduar - Bongaigaon 2xD/C | 133.68 | 133.68 |
| NER - ER 220 kV Birpara - Salakati D/C | 30.05 | 30.05 |
| Total NER - ER | 250.64 | 250.64 |
| Export of ER to SR (ER - SR) | | |
| ER - SR HVDC Gazuwaka | 64.45 | 64.45 |
| ER - SR HVDC Talchar -Kolar | 1338.63 | 1338.63 |
| ER - SR 765 kV Angul- Srikakulam D/C | 1591.65 | 1591.65 |
| Total ER - SR | 2994.74 | 2994.74 |
| Import of ER from SR (SR - ER) | | |
| SR - ER HVDC Gazuwaka | 44.04 | 44.04 |
| SR - ER HVDC Talchar - Kolar | 0.00 | 0.00 |
| SR - ER 765 kV Angul- Srikakulam D/C | 0.00 | 0.00 |
| Total SR - ER | 44.04 | 44.04 |
| Export of WR to SR (WR-SR) | | |
| WR - SR HVDC Bhadravati | 644.61 | 644.61 |
| WR - SR 765 kV Sholapur - Raichur 2xS/C | 206.88 | 206.88 |
| WR - SR 765 kV Wardha - Nizamabad D/C | 983.94 | 983.94 |
| WR - SR 400KV Kolhapur-Kudgi D/C | 0.02 | 0.02 |
| WR - SR HVDC Raigarh-Pugalur | 2564.04 | 2564.04 |
| WR - SR 220kV Xeldem - Ambewadi S/C | 71.04 | 71.04 |
| WR - SR 220kV Ponda - Ambewadi S/C | 0.79 | 0.79 |
| WR - SR 765 kV Warora - Warangal D/C | 1140.34 | 1140.34 |
| Total WR - SR | 5611.68 | 5611.68 |

| | Apr'25 | Fin. Year 2025-26 |
|--|---------------|-------------------|
| Name of Line | | |
| Import of WR from SR (SR - WR) | | |
| SR - WR HVDC Bhadrawati | 0.00 | 0.00 |
| SR - WR 765 kV Raichur - Sholapur 2xS/C | 134.40 | 134.40 |
| SR - WR 765 kV Wardha - Nizamabad D/C | 0.24 | 0.24 |
| SR - WR 400KV Kolhapur-Kudgi D/C | 657.02 | 657.02 |
| SR - WR HVDC Pugalur-Raigarh | 0.00 | 0.00 |
| SR - WR 220kV Xeldem - Ambewadi S/C | 0.00 | 0.00 |
| SR - WR 220kV Ponda - Ambewadi S/C | 0.01 | 0.01 |
| SR - WR 765 kV Warangal - Warora D/C | 0.02 | 0.02 |
| Total SR - WR | 791.68 | 791.68 |
| TOTAL ALL INDIA | 20392 | 20392 |

*In case of multiple ckt / DC pole year corres. to the commissioning of final element

| Date | 15.1 Import-Export of NR with WR during April 2025 | | | | | | | | | | | | | | | | | |
|--------------|--|--------------------------|------------------------------|-------------------------------------|-------------------------------------|-----------------------------------|----------------------------|------------------------------|--|---------------------------------------|--|--------------------------------|---------------------------------------|---|--------------------------------|-------------------------------|---|----------------|
| | Import of NR from WR (WR-NR) | | | | | | | | | | | | | | | | | |
| | WR - NR HVDC Champa-Kurukshtera | WR - NR HVDC VindhyaChal | WR - NR HVDC Mundra - M'garh | WR - NR 765 KV Gwalior - Agra 2xS/C | WR - NR 765 KV Gwalior- Phagi 2xS/C | WR - NR 765 KV Jabalpur- Orai D/C | WR - NR 765 KV Satna- Orai | WR - NR 765 KV Gwalior- Orai | WR - NR 765 KV Banaskata - Chittorgarh D/C | WR - NR 765 KV VindhyaChal - Varanasi | WR - NR 765 KV Neemach - Chittorgarh D/C | WR - NR 400 KV Zerda- Kankroli | WR - NR 400 KV Shujalpur - RAPP C D/C | WR - NR 400 KV VindhyaChal - Rihand D/C | WR - NR 220 KV Bhanpura Ranpur | WR - NR 220 KV Bhanpura Modak | WR - NR 220 KV Malanpur / Mehgaon - Auraiya | Total WR - NR |
| 1-Apr-25 | 35.15 | 1.24 | 31.91 | 0.00 | 0.58 | 0.00 | 13.30 | 0.00 | 0.00 | 32.25 | 0.00 | 0.00 | 0.00 | 0.00 | 1.26 | 2.30 | 0.00 | 117.99 |
| 2-Apr-25 | 35.20 | 1.24 | 36.37 | 0.00 | 0.16 | 0.00 | 13.58 | 0.00 | 0.00 | 30.66 | 0.00 | 0.00 | 0.00 | 0.00 | 1.61 | 2.19 | 0.00 | 121.01 |
| 3-Apr-25 | 35.78 | 1.24 | 36.97 | 5.75 | 3.51 | 1.50 | 15.35 | 0.00 | 0.00 | 33.80 | 0.00 | 0.00 | 0.00 | 0.00 | 2.05 | 2.41 | 0.00 | 138.36 |
| 4-Apr-25 | 25.52 | 1.24 | 22.74 | 14.95 | 5.40 | 6.84 | 17.05 | 0.00 | 0.00 | 45.55 | 0.00 | 0.00 | 0.00 | 0.00 | 2.09 | 2.58 | 0.00 | 143.96 |
| 5-Apr-25 | 23.48 | 2.77 | 19.42 | 19.44 | 5.54 | 12.29 | 16.62 | 0.00 | 0.00 | 45.59 | 0.00 | 0.00 | 0.00 | 0.00 | 2.15 | 2.54 | 0.00 | 149.84 |
| 6-Apr-25 | 23.00 | 5.21 | 23.32 | 16.24 | 1.34 | 8.47 | 13.12 | 0.00 | 0.00 | 41.22 | 0.00 | 0.00 | 0.00 | 0.00 | 2.00 | 2.45 | 0.00 | 136.37 |
| 7-Apr-25 | 37.64 | 1.25 | 26.00 | 14.75 | 0.00 | 8.37 | 15.70 | 0.00 | 0.00 | 46.65 | 0.00 | 0.00 | 0.00 | 0.00 | 2.32 | 2.47 | 0.00 | 155.15 |
| 8-Apr-25 | 38.62 | 1.24 | 29.08 | 10.43 | 0.00 | 8.85 | 18.64 | 0.00 | 0.00 | 51.83 | 0.00 | 0.00 | 0.00 | 0.00 | 2.25 | 2.61 | 0.00 | 163.55 |
| 9-Apr-25 | 46.64 | 1.22 | 29.05 | 14.60 | 1.09 | 14.01 | 19.58 | 0.00 | 0.00 | 55.04 | 0.00 | 0.00 | 0.00 | 0.00 | 2.03 | 2.67 | 0.00 | 185.93 |
| 10-Apr-25 | 52.63 | 0.00 | 29.06 | 9.70 | 0.94 | 9.36 | 19.37 | 0.00 | 0.00 | 38.64 | 0.00 | 0.00 | 0.00 | 0.00 | 2.02 | 2.89 | 0.00 | 164.61 |
| 11-Apr-25 | 76.00 | 0.00 | 23.00 | 0.00 | 0.00 | 3.39 | 15.54 | 0.00 | 0.00 | 22.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2.02 | 2.70 | 0.00 | 144.65 |
| 12-Apr-25 | 28.00 | 0.00 | 31.00 | 5.19 | 0.73 | 3.32 | 19.00 | 0.00 | 0.00 | 36.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2.02 | 2.65 | 0.00 | 127.91 |
| 13-Apr-25 | 23.07 | 0.00 | 36.36 | 11.04 | 4.29 | 9.44 | 17.54 | 0.00 | 0.00 | 27.37 | 0.00 | 0.00 | 0.00 | 0.00 | 2.15 | 2.40 | 0.00 | 133.66 |
| 14-Apr-25 | 37.89 | 0.00 | 36.35 | 14.87 | 6.68 | 16.45 | 20.02 | 0.00 | 0.00 | 37.30 | 0.00 | 0.00 | 0.00 | 0.00 | 2.18 | 2.68 | 0.00 | 174.42 |
| 15-Apr-25 | 47.85 | 0.00 | 31.00 | 10.83 | 7.07 | 12.68 | 19.54 | 0.00 | 0.00 | 38.69 | 0.00 | 0.00 | 0.00 | 0.00 | 2.19 | 2.64 | 0.00 | 172.49 |
| 16-Apr-25 | 49.17 | 0.00 | 29.11 | 12.44 | 7.69 | 17.36 | 20.20 | 0.00 | 0.00 | 46.01 | 0.00 | 0.00 | 0.00 | 0.00 | 2.04 | 2.85 | 0.00 | 186.87 |
| 17-Apr-25 | 70.40 | 0.00 | 21.60 | 3.81 | 0.42 | 5.65 | 17.90 | 0.00 | 0.00 | 42.40 | 0.00 | 0.00 | 0.00 | 0.00 | 2.88 | 2.87 | 0.00 | 167.93 |
| 18-Apr-25 | 69.92 | 0.00 | 17.18 | 6.16 | 0.33 | 8.66 | 18.74 | 0.00 | 0.00 | 40.66 | 0.00 | 0.00 | 0.00 | 0.00 | 2.28 | 2.89 | 0.00 | 166.82 |
| 19-Apr-25 | 48.52 | 0.00 | 23.26 | 7.11 | 0.00 | 5.75 | 16.94 | 0.00 | 0.30 | 38.80 | 0.00 | 0.00 | 0.00 | 0.00 | 2.46 | 2.71 | 0.00 | 145.85 |
| 20-Apr-25 | 29.20 | 0.00 | 30.51 | 17.04 | 3.48 | 15.36 | 14.48 | 0.00 | 0.00 | 41.23 | 0.00 | 0.00 | 0.00 | 0.00 | 2.41 | 2.82 | 0.00 | 156.53 |
| 21-Apr-25 | 28.20 | 0.00 | 27.84 | 26.17 | 11.57 | 25.15 | 18.59 | 0.00 | 0.00 | 55.03 | 0.00 | 0.00 | 0.00 | 0.00 | 2.23 | 2.78 | 0.00 | 197.56 |
| 22-Apr-25 | 46.65 | 0.00 | 36.37 | 15.57 | 1.94 | 11.04 | 14.54 | 0.00 | 0.00 | 48.39 | 0.00 | 0.00 | 0.00 | 0.00 | 2.22 | 2.79 | 0.00 | 179.51 |
| 23-Apr-25 | 46.62 | 0.00 | 36.36 | 13.83 | 3.32 | 12.06 | 15.30 | 0.00 | 0.00 | 43.51 | 0.00 | 0.00 | 0.00 | 0.00 | 1.97 | 2.72 | 0.00 | 175.69 |
| 24-Apr-25 | 46.63 | 0.00 | 33.58 | 13.11 | 7.34 | 10.67 | 16.05 | 0.00 | 0.00 | 46.73 | 0.00 | 0.00 | 0.00 | 0.00 | 1.71 | 2.16 | 0.00 | 177.98 |
| 25-Apr-25 | 52.70 | 0.00 | 27.90 | 20.64 | 4.88 | 15.06 | 16.03 | 0.00 | 0.00 | 49.60 | 0.00 | 0.00 | 0.00 | 0.00 | 1.85 | 1.46 | 0.00 | 190.12 |
| 26-Apr-25 | 60.05 | 0.00 | 29.08 | 21.42 | 6.78 | 14.91 | 16.05 | 0.00 | 1.09 | 52.02 | 0.00 | 0.00 | 0.00 | 0.00 | 1.96 | 1.29 | 0.00 | 204.65 |
| 27-Apr-25 | 59.50 | 0.00 | 29.08 | 19.77 | 10.53 | 17.57 | 16.16 | 0.00 | 0.00 | 44.50 | 0.00 | 0.00 | 0.00 | 0.00 | 1.96 | 1.17 | 0.00 | 200.24 |
| 28-Apr-25 | 66.98 | 0.00 | 36.26 | 16.00 | 7.40 | 14.20 | 16.98 | 0.00 | 0.00 | 35.22 | 0.00 | 0.00 | 0.00 | 0.00 | 2.00 | 1.30 | 0.00 | 196.34 |
| 29-Apr-25 | 71.32 | 0.00 | 42.25 | 14.60 | 7.15 | 13.73 | 16.65 | 0.00 | 3.86 | 33.45 | 0.00 | 0.00 | 0.00 | 0.00 | 1.97 | 1.45 | 0.00 | 206.43 |
| 30-Apr-25 | 70.54 | 0.00 | 34.70 | 20.50 | 9.81 | 15.44 | 17.82 | 0.00 | 12.48 | 45.41 | 0.00 | 0.50 | 0.00 | 0.00 | 1.95 | 1.39 | 0.00 | 230.54 |
| Total | 1382.87 | 16.65 | 896.71 | 375.96 | 119.97 | 317.58 | 506.38 | 0.00 | 17.73 | 1245.55 | 0.00 | 0.50 | 0.00 | 0.00 | 62.23 | 70.83 | 0.00 | 5012.96 |

Disclaimer:- Blank entry if the line under outage/shutdown on corresponding day

| Date | 15.1 Import-Export of NR with WR during April 2025 | | | | | | | | | | | | | | | | | | |
|--------------|--|--------------------------|------------------------------|-------------------------------------|--------------------------------------|------------------------------------|-----------------------------|-------------------------------|--|---------------------------------------|--|---------------------------------|--------------------------------|---------------------------------------|---|----------------------------------|---------------------------------|--|----------------|
| | Export of NR to WR (NR- WR) | | | | | | | | | | | | | | | | | | |
| | NR - WR Kurukshetra - Champa | NR - WR HVDC VindhyaChal | NR - WR HVDC M'garh - Mundra | NR - WR 765 kV Agra - Gwalior 2xS/C | NR - WR 765 kV Phagl - Gwalior 2xS/C | NR - WR 765 kV Orai - Jabalpur D/C | NR - WR 765 kV Orai - Satna | NR - WR 765 kV Orai - Gwalior | NR - WR 765 KV Chittorgarh - Banaskata D/C | NR - WR 765 KV Varanasi - VindhyaChal | NR - WR 765 KV Chittorgarh - Neemach D/C | NR - WR 400 KV Kankroli - Zerda | NR - WR 400 KV Bhinmal - Zerda | NR - WR 400 KV RAPP C - Shujalpur D/C | NR - WR 400 KV Rihand - VindhyaChal D/C | NR - WR 220 KV Ranpur - Bhanpura | NR - WR 220 KV Modak - Bhanpura | NR - WR 220 KV Auraiya - Malanpur/M ehgaon | Total NR - WR |
| 1-Apr-25 | 0.00 | 0.00 | 0.00 | 0.54 | 0.00 | 4.53 | 0.00 | 10.01 | 32.21 | 0.00 | 8.76 | 11.82 | | 10.97 | 20.67 | 0.00 | 0.00 | 2.59 | 102.10 |
| 2-Apr-25 | 0.00 | 0.00 | 0.00 | 1.02 | 0.00 | 4.45 | 0.00 | 9.85 | 32.96 | 0.00 | 9.20 | 11.74 | | 11.25 | 20.86 | 0.00 | 0.00 | 2.63 | 103.96 |
| 3-Apr-25 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 9.90 | 33.63 | 0.00 | 6.93 | 12.70 | | 9.54 | 22.16 | 0.00 | 0.00 | 2.21 | 97.07 |
| 4-Apr-25 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 10.44 | 22.71 | 0.00 | 7.05 | 9.50 | | 8.48 | 21.30 | 0.00 | 0.00 | 1.43 | 80.91 |
| 5-Apr-25 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 10.30 | 16.10 | 0.00 | 5.82 | 7.01 | | 6.90 | 20.85 | 0.00 | 0.00 | 1.24 | 68.22 |
| 6-Apr-25 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 9.52 | 5.30 | 0.00 | 7.21 | 5.01 | | 7.80 | 19.83 | 0.00 | 0.00 | 1.39 | 56.06 |
| 7-Apr-25 | 0.00 | 0.00 | 0.00 | 0.00 | 1.36 | 0.00 | 0.00 | 11.40 | 3.25 | 0.00 | 5.83 | 4.23 | | 7.65 | 21.37 | 0.00 | 0.00 | 1.89 | 56.98 |
| 8-Apr-25 | 0.00 | 0.00 | 0.00 | 0.00 | 0.56 | 0.00 | 0.00 | 12.72 | 18.01 | 0.00 | 5.30 | 8.03 | | 8.41 | 21.26 | 0.00 | 0.00 | 2.24 | 76.53 |
| 9-Apr-25 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 13.14 | 13.11 | 0.00 | 5.95 | 6.85 | | 7.95 | 21.65 | 0.00 | 0.00 | 2.11 | 70.76 |
| 10-Apr-25 | 0.00 | 0.19 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 12.03 | 13.38 | 0.00 | 7.00 | 7.23 | | 7.66 | 20.15 | 0.00 | 0.00 | 2.05 | 69.69 |
| 11-Apr-25 | 0.00 | 1.25 | 0.00 | 4.60 | 6.10 | 0.00 | 0.00 | 10.37 | 14.07 | 0.00 | 9.20 | 7.80 | | 9.50 | 20.18 | 0.00 | 0.00 | 2.26 | 85.33 |
| 12-Apr-25 | 0.00 | 1.30 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 12.77 | 15.15 | 0.00 | 7.18 | 7.60 | | 7.70 | 20.34 | 0.00 | 0.00 | 2.47 | 74.51 |
| 13-Apr-25 | 0.00 | 1.25 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 13.15 | 9.32 | 0.00 | 4.15 | 5.10 | | 4.90 | 19.41 | 0.00 | 0.00 | 1.43 | 58.71 |
| 14-Apr-25 | 0.00 | 1.20 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 14.80 | 1.01 | 0.00 | 3.71 | 3.10 | | 4.85 | 20.32 | 0.00 | 0.00 | 1.64 | 50.63 |
| 15-Apr-25 | 0.00 | 1.24 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 15.46 | 8.41 | 0.00 | 5.04 | 5.13 | | 6.24 | 20.36 | 0.00 | 0.00 | 1.75 | 63.63 |
| 16-Apr-25 | 0.00 | 2.94 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 15.20 | 5.60 | 0.00 | 5.46 | 3.97 | | 4.66 | 21.27 | 0.00 | 0.00 | 2.22 | 61.32 |
| 17-Apr-25 | 0.00 | 2.44 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 13.65 | 9.14 | 0.00 | 9.01 | 5.65 | | 7.63 | 20.80 | 0.00 | 0.00 | 2.84 | 71.16 |
| 18-Apr-25 | 0.00 | 2.44 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 13.60 | 5.38 | 0.00 | 7.94 | 5.38 | | 5.12 | 20.90 | 0.00 | 0.00 | 2.37 | 63.13 |
| 19-Apr-25 | 0.00 | 2.42 | 0.00 | 0.00 | 3.03 | 0.00 | 0.00 | 12.25 | 0.00 | 0.00 | 7.55 | 4.20 | | 4.83 | 19.90 | 0.00 | 0.00 | 2.39 | 56.57 |
| 20-Apr-25 | 0.00 | 2.42 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 10.36 | 13.31 | 0.00 | 5.59 | 6.50 | | 3.17 | 19.85 | 0.00 | 0.00 | 1.62 | 62.82 |
| 21-Apr-25 | 0.00 | 2.44 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 12.47 | 16.31 | 0.00 | 3.65 | 6.80 | | 1.37 | 22.51 | 0.00 | 0.00 | 1.62 | 67.17 |
| 22-Apr-25 | 0.00 | 2.44 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 9.96 | 15.15 | 0.00 | 7.11 | 6.49 | | 4.77 | 22.37 | 0.00 | 0.00 | 3.15 | 71.44 |
| 23-Apr-25 | 0.00 | 2.44 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 10.15 | 7.64 | 0.00 | 7.95 | 4.78 | | 5.46 | 21.10 | 0.00 | 0.00 | 3.20 | 62.72 |
| 24-Apr-25 | 0.00 | 2.44 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 10.98 | 6.37 | 0.00 | 8.47 | 5.20 | | 5.85 | 21.50 | 0.00 | 0.00 | 3.18 | 63.99 |
| 25-Apr-25 | 0.00 | 2.40 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 10.22 | 3.13 | 0.00 | 5.42 | 4.10 | | 3.43 | 21.74 | 0.00 | 0.00 | 2.61 | 53.05 |
| 26-Apr-25 | 0.00 | 2.28 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 7.30 | 0.00 | 0.00 | 5.80 | 3.15 | | 2.94 | 22.28 | 0.00 | 0.00 | 2.46 | 46.21 |
| 27-Apr-25 | 0.00 | 2.43 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 11.89 | 5.41 | 0.00 | 4.99 | 4.70 | | 1.16 | 20.75 | 0.00 | 0.00 | 1.37 | 52.70 |
| 28-Apr-25 | 0.00 | 2.44 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 10.55 | 4.56 | 0.00 | 6.50 | 4.80 | | 1.90 | 20.94 | 0.00 | 0.00 | 2.46 | 54.15 |
| 29-Apr-25 | 0.00 | 2.44 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 10.12 | 0.00 | 0.00 | 5.28 | 1.70 | | 3.80 | 20.54 | 0.00 | 0.00 | 2.82 | 46.70 |
| 30-Apr-25 | 0.00 | 2.42 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 10.60 | 0.00 | 0.00 | 3.80 | 0.00 | | 3.79 | 20.78 | 0.00 | 0.00 | 2.47 | 43.86 |
| Total | 0.00 | 43.26 | 0.00 | 6.16 | 11.05 | 8.98 | 0.00 | 345.16 | 330.62 | 0.00 | 192.85 | 180.27 | 0.00 | 179.68 | 627.94 | 0.00 | 0.00 | 66.11 | 1992.08 |

Disclaimer:- Blank entry if the line under outage/shutdown on corresponding day

| Date | 15.2 Import-Export of NR with ER & NER during April 2025 | | | | | | | | | | | | | | | | | | |
|--------------|--|-----------------------------------|--------------------------------------|-----------------------------|----------------------------------|--|---|---|-----------------------------------|------------------------------------|--------------------------------------|--|-------------------------------------|-------------------------------------|--------------------------------------|--------------------------------|---------------|---|--------------|
| | Import of NR from ER (ER-NR) | | | | | | | | | | | | | | | Import of NR from NER (NER-NR) | | | |
| | ER - NR HVDC Alipurdur - Agra | ER - NR 765 KV Sasaram - Fatehpur | ER - NR 765 KV Gaya - Varanasi 2*S/C | ER - NR 765 KV Gaya - Balia | ER - NR 400 KV Patna - Balia D/C | ER - NR 400 KV Muzaffarpur - Gorakhpur D/C | ER - NR 400 KV Biharshariff - Balia D/C | ER - NR 400 KV Motihari - Gorakhpur D/C | ER - NR 400 KV Sasaram - Varanasi | ER - NR 400 KV Sasaram - Allahabad | ER - NR 400 KV Naubatpur - Balia D/C | ER - NR 400 KV Biharshariff - Sahupuri D/C | ER - NR 220 KV Sahupuri - Karamnasa | ER - NR 132 KV Sahupuri - Karamnasa | ER - NR 132 KV Nagar Untari - Rihand | ER - NR 132 KV Garhwa - Rihand | Total ER -NR | NER - NR HVDC Biswanath Chariali - Agra | Total NER-NR |
| 1-Apr-25 | | 2.68 | 0.00 | 2.55 | 7.07 | 0.00 | 0.00 | 1.53 | 2.61 | 0.00 | 1.65 | 0.00 | 0.15 | 0.00 | 0.00 | 18.24 | 0.00 | 0.00 | |
| 2-Apr-25 | | 3.27 | 0.00 | 3.74 | 7.40 | 0.00 | 0.00 | 2.23 | 2.48 | 0.00 | 1.76 | 0.00 | 0.48 | | 0.00 | 21.36 | 0.00 | 0.00 | |
| 3-Apr-25 | | 4.10 | 0.59 | 4.73 | 7.60 | 0.00 | 0.00 | 2.36 | 2.25 | 0.00 | 1.86 | 0.00 | 0.16 | | 0.00 | 23.65 | 0.00 | 0.00 | |
| 4-Apr-25 | | 2.77 | 0.00 | 4.77 | 3.79 | 0.00 | 0.00 | 1.12 | 2.22 | 0.14 | 0.83 | 0.00 | 0.07 | | 0.00 | 15.71 | 0.00 | 0.00 | |
| 5-Apr-25 | | 2.54 | 0.00 | 6.44 | 5.04 | 0.00 | 0.00 | 1.31 | 2.37 | 0.12 | 0.95 | 0.00 | 0.13 | 0.00 | 0.00 | 18.90 | 0.00 | 0.00 | |
| 6-Apr-25 | | 1.34 | 0.00 | 5.21 | 3.80 | 0.00 | 0.00 | 0.74 | 2.46 | 0.00 | 0.54 | 0.00 | 0.00 | 0.00 | 0.00 | 14.09 | 0.00 | 0.00 | |
| 7-Apr-25 | | 1.27 | 0.00 | 5.69 | 6.07 | 0.00 | 0.00 | 0.84 | 2.58 | 0.00 | 2.03 | 0.00 | 0.00 | | 0.00 | 0.00 | 18.48 | 0.00 | 0.00 |
| 8-Apr-25 | | 0.20 | 0.00 | 5.91 | 5.28 | 0.00 | 0.00 | 0.00 | 2.55 | 0.00 | 0.96 | 0.00 | 0.50 | | 0.00 | 0.00 | 15.40 | 0.00 | 0.00 |
| 9-Apr-25 | | 1.12 | 0.00 | 6.63 | 6.35 | 0.00 | 0.00 | 0.00 | 2.55 | 0.00 | 1.21 | 0.00 | 0.15 | | 0.00 | 0.00 | 18.01 | 0.00 | 0.00 |
| 10-Apr-25 | 0.00 | 5.09 | 3.14 | 5.40 | 8.85 | 0.00 | 0.00 | 3.42 | 1.66 | 0.83 | 2.52 | 1.36 | 0.48 | 0.48 | 0.00 | 0.00 | 33.23 | 0.00 | 0.00 |
| 11-Apr-25 | | 5.50 | 6.78 | 5.80 | 8.83 | 0.00 | 0.00 | 3.20 | 1.25 | 1.00 | 2.52 | 3.74 | 0.55 | 0.00 | 0.05 | 0.00 | 39.22 | 0.00 | 0.00 |
| 12-Apr-25 | 0.00 | 3.00 | 2.80 | 5.68 | 6.71 | 0.00 | 0.00 | 2.20 | 1.50 | 0.66 | 1.64 | 2.00 | 0.20 | 0.00 | | 0.00 | 26.39 | 0.00 | 0.00 |
| 13-Apr-25 | | 6.59 | 9.01 | 8.29 | 11.31 | 2.35 | 0.00 | 5.39 | 1.34 | 1.00 | 3.36 | 2.45 | 0.44 | | 0.00 | 0.00 | 51.53 | 0.00 | 0.00 |
| 14-Apr-25 | 0.43 | 6.25 | 8.45 | 8.92 | 11.02 | 1.77 | 0.00 | 5.10 | 1.16 | 1.13 | 3.26 | 2.64 | 0.61 | | 0.00 | 0.00 | 50.74 | 0.00 | 0.00 |
| 15-Apr-25 | | 7.11 | 7.24 | 9.01 | 11.75 | 1.36 | 0.00 | 4.85 | 1.37 | 0.83 | 3.85 | 2.30 | 0.65 | | 0.00 | 0.00 | 50.32 | 0.00 | 0.00 |
| 16-Apr-25 | | 5.31 | 5.56 | 9.82 | 11.51 | 0.68 | 0.00 | 2.43 | 1.20 | 0.98 | 3.23 | 2.56 | 0.39 | | 0.00 | 0.00 | 43.67 | 0.00 | 0.00 |
| 17-Apr-25 | | 2.10 | 0.24 | 6.06 | 6.70 | 0.00 | 0.00 | 0.24 | 1.81 | 0.45 | 1.63 | 1.05 | 0.08 | 0.00 | | 0.00 | 20.36 | 0.00 | 0.00 |
| 18-Apr-25 | | 3.37 | 2.50 | 5.96 | 6.39 | 1.56 | 0.00 | 3.58 | 1.71 | 0.55 | 1.47 | 1.31 | 0.07 | 0.00 | | 0.00 | 28.47 | 0.00 | 0.00 |
| 19-Apr-25 | | 1.12 | 0.38 | 5.20 | 4.87 | 0.00 | 0.00 | 0.00 | 1.86 | 0.45 | 0.89 | 0.84 | 0.00 | 0.48 | | 0.00 | 16.09 | 0.00 | 0.00 |
| 20-Apr-25 | | 0.94 | 0.75 | 7.12 | 4.24 | 0.00 | 0.00 | 1.42 | 2.03 | 0.20 | 0.61 | 0.26 | 0.52 | | 0.00 | 0.00 | 18.09 | 0.00 | 0.00 |
| 21-Apr-25 | | 0.86 | 0.00 | 7.55 | 3.70 | 0.00 | 0.00 | 1.50 | 1.98 | 0.16 | 0.29 | 0.00 | 0.00 | | 0.00 | 0.00 | 16.04 | 0.00 | 0.00 |
| 22-Apr-25 | | 0.00 | 0.00 | 4.72 | 0.00 | 0.00 | 0.00 | 0.00 | 2.94 | 0.00 | 0.00 | 0.00 | 0.00 | | | 0.00 | 7.66 | 0.00 | 0.00 |
| 23-Apr-25 | | 0.18 | 0.00 | 3.96 | 2.89 | 0.00 | 0.00 | 1.20 | 2.39 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 10.63 | 0.00 | 0.00 |
| 24-Apr-25 | | 0.00 | 0.00 | 4.90 | 4.73 | 0.00 | 0.00 | 1.35 | 2.55 | 0.00 | 0.00 | 1.23 | 0.00 | 0.00 | | 0.00 | 14.76 | 0.00 | 0.00 |
| 25-Apr-25 | | 0.00 | 5.20 | 5.55 | 3.17 | 0.00 | 0.00 | 0.90 | 2.61 | 0.00 | 0.30 | 0.00 | 0.00 | 0.00 | | 0.00 | 17.73 | 0.00 | 0.00 |
| 26-Apr-25 | | 0.00 | 0.00 | 6.71 | 4.17 | 0.00 | 0.00 | 1.60 | 2.22 | 0.07 | 0.47 | 0.00 | 0.00 | | 0.00 | 0.00 | 15.24 | 0.00 | 0.00 |
| 27-Apr-25 | | 1.97 | 1.72 | 7.39 | 6.87 | 0.00 | 0.00 | 2.65 | 1.83 | 0.54 | 1.52 | 0.24 | 0.00 | | | 0.00 | 24.73 | 0.00 | 0.00 |
| 28-Apr-25 | | 3.90 | 5.20 | 7.20 | 8.28 | 2.05 | 0.00 | 4.58 | 1.78 | 0.55 | 2.14 | 1.10 | | 0.00 | | 0.00 | 36.78 | 0.00 | 0.00 |
| 29-Apr-25 | | 2.84 | 3.07 | 7.54 | 7.67 | 0.96 | 0.00 | 3.49 | 1.94 | 0.41 | 1.93 | 1.17 | 0.03 | 0.00 | | 0.00 | 31.05 | 0.00 | 0.00 |
| 30-Apr-25 | | 2.57 | 2.41 | 8.13 | 7.70 | 0.90 | 0.00 | 3.60 | 1.62 | 0.55 | 1.90 | 1.07 | 0.00 | 0.00 | | 0.00 | 30.45 | 0.00 | 0.00 |
| Total | 0.43 | 77.99 | 65.04 | 186.58 | 193.76 | 11.63 | 0.00 | 62.83 | 60.82 | 10.62 | 45.33 | 25.32 | 5.66 | 0.96 | 0.05 | 0.00 | 747.02 | 0.00 | 0.00 |

Disclaimer:- Blank entry if the line under outage/shutdown on corresponding day.

| Date | 15.2 Import-Export of NR with ER & NER during April 2025 | | | | | | | | | | | | | | | | | | |
|--------------|--|-----------------------------------|--------------------------------------|---------------------|----------------------------------|--|---|---|-----------------------------------|------------------------------------|--------------------------------------|--|-------------------------------------|--------------------------------------|--------------------------------|------------------------------|---|---------------|---------------|
| | Export of NR to ER (NR- ER) | | | | | | | | | | | | | | | Export of NR to NER (NR-NER) | | | |
| | NR - ER HVDC Agra - Alipurduar | NR - ER 765 kV Fatehpur - Sasaram | NR - ER 765 KV Varanasi - Gaya 2*S/C | NR - ER 765 KV Gaya | NR - ER 400 KV Balia - Patna D/C | NR - ER 400 KV Gorakhpur - Muzaffarpur D/C | NR - ER 400 KV Balia - Biharshariff D/C | NR - ER 400 KV Gorakhpur - Motihari D/C | NR - ER 400 KV Varanasi - Sasaram | NR - ER 400 KV Allahabad - Sasaram | NR - ER 400 KV Balia - Naubatpur D/C | NR - ER 400 KV Sahupuri - Biharshariff D/C | NR - ER 220 KV Karamnasa - Sahupuri | NR - ER 132 KV Rihand - Nagar Untari | NR - ER 132 KV Rihand - Garhwa | Total NR-ER | NR - NER HVDC Agra - Biswanath Chariali | Total NR-NER | |
| 1-Apr-25 | 0.00 | 3.13 | 0.00 | 0.00 | 5.79 | 6.46 | 0.00 | 0.00 | 0.35 | 0.00 | 1.31 | 0.00 | 0.00 | 0.63 | 17.67 | 28.98 | 28.98 | | |
| 2-Apr-25 | 0.00 | 1.15 | 0.00 | 0.00 | 5.66 | 6.32 | 0.00 | 0.00 | 0.16 | 0.00 | 0.83 | 0.00 | 0.00 | 0.67 | 14.79 | 24.85 | 24.85 | | |
| 3-Apr-25 | 0.00 | 0.00 | 0.00 | 0.00 | 4.61 | 5.93 | 0.00 | 0.00 | 0.09 | 0.00 | 0.50 | 0.00 | 0.00 | 0.76 | 11.89 | 24.56 | 24.56 | | |
| 4-Apr-25 | 0.00 | 3.72 | 0.00 | 0.00 | 5.49 | 6.05 | 0.00 | 0.00 | 0.00 | 0.00 | 1.14 | 0.00 | 0.00 | 0.71 | 17.11 | 25.54 | 25.54 | | |
| 5-Apr-25 | 0.00 | 1.79 | 0.00 | 0.00 | 4.36 | 5.85 | 0.00 | 0.00 | 0.00 | 0.00 | 0.80 | 0.00 | 0.00 | 0.67 | 13.47 | 28.82 | 28.82 | | |
| 6-Apr-25 | 0.00 | 3.57 | 0.00 | 0.00 | 5.23 | 6.37 | 0.00 | 0.00 | 0.19 | 0.00 | 1.57 | 0.13 | 0.00 | 0.52 | 17.58 | 28.30 | 28.30 | | |
| 7-Apr-25 | 0.00 | 5.61 | 0.00 | 0.00 | 7.62 | 7.93 | 0.00 | 0.00 | 0.14 | 0.00 | 2.12 | 0.53 | 0.00 | 0.10 | 0.64 | 24.69 | 20.50 | 20.50 | |
| 8-Apr-25 | 0.00 | 6.59 | 0.00 | 0.00 | 7.96 | 8.73 | 1.30 | 0.00 | 0.45 | 0.00 | 2.45 | 0.00 | 0.00 | 0.14 | 0.71 | 28.33 | 21.50 | 21.50 | |
| 9-Apr-25 | 0.00 | 5.49 | 0.00 | 0.00 | 5.01 | 7.25 | 0.95 | 0.00 | 0.31 | 0.00 | 1.48 | 0.00 | 0.00 | 0.12 | 0.55 | 21.16 | 19.50 | 19.50 | |
| 10-Apr-25 | 0.00 | 0.00 | 0.00 | 0.00 | 1.12 | 3.97 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.35 | 0.46 | 5.90 | 16.03 | 16.03 | |
| 11-Apr-25 | 0.00 | 0.00 | 0.00 | 0.00 | 2.48 | 3.60 | 0.00 | 0.00 | 0.00 | 0.00 | 2.28 | 0.00 | 0.00 | 0.00 | 0.44 | 8.80 | 9.76 | 9.76 | |
| 12-Apr-25 | 0.00 | 0.00 | 0.00 | 0.00 | 4.60 | 6.12 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.51 | 11.23 | 16.28 | 16.28 | | |
| 13-Apr-25 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.78 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.51 | 2.29 | 24.56 | 24.56 | | |
| 14-Apr-25 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2.21 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.61 | 2.82 | 16.48 | 16.48 | | |
| 15-Apr-25 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2.10 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.10 | 0.47 | 2.67 | 17.43 | 17.43 | |
| 16-Apr-25 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2.78 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.61 | 3.39 | 17.67 | 17.67 | | |
| 17-Apr-25 | 0.00 | 0.00 | 0.00 | 0.00 | 1.43 | 4.45 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.66 | 6.54 | 16.67 | 16.67 | | |
| 18-Apr-25 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2.65 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.70 | 3.35 | 18.38 | 18.38 | | |
| 19-Apr-25 | 0.00 | 0.00 | 0.00 | 0.00 | 1.70 | 5.20 | 1.60 | 0.00 | 0.00 | 0.00 | 0.00 | 0.18 | 0.00 | 0.90 | 9.58 | 24.85 | 24.85 | | |
| 20-Apr-25 | 0.00 | 0.00 | 0.00 | 0.00 | 2.82 | 5.81 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.73 | 9.36 | 16.11 | 16.11 | | |
| 21-Apr-25 | 0.00 | 2.45 | 0.00 | 0.00 | 3.80 | 6.35 | 0.00 | 0.00 | 0.00 | 0.00 | 0.82 | 0.70 | 0.00 | 0.73 | 14.85 | 18.34 | 18.34 | | |
| 22-Apr-25 | 1.60 | 9.06 | 0.00 | 1.06 | 6.80 | 8.58 | 1.00 | 0.00 | 0.61 | 1.43 | 2.88 | 0.94 | 0.00 | 0.68 | 34.64 | 19.24 | 19.24 | | |
| 23-Apr-25 | 0.00 | 5.45 | 0.00 | 0.00 | 3.86 | 6.57 | 0.00 | 0.00 | 0.16 | 0.00 | 1.65 | 0.61 | 0.00 | 0.10 | 0.33 | 18.73 | 19.05 | 19.05 | |
| 24-Apr-25 | 1.56 | 4.42 | 0.00 | 0.00 | 4.65 | 7.66 | 0.00 | 0.00 | 0.16 | 0.47 | 1.81 | 1.35 | 0.00 | 0.00 | 22.08 | 23.01 | 23.01 | | |
| 25-Apr-25 | 2.23 | 0.00 | 0.00 | 0.00 | 6.43 | 9.15 | 0.00 | 0.00 | 0.37 | 0.00 | 2.30 | 1.34 | 0.00 | 0.00 | 21.82 | 17.19 | 17.19 | | |
| 26-Apr-25 | 0.87 | 4.04 | 0.00 | 0.00 | 5.46 | 8.77 | 0.00 | 0.00 | 0.00 | 0.00 | 1.84 | 1.02 | 0.00 | 0.07 | 22.07 | 19.11 | 19.11 | | |
| 27-Apr-25 | 0.00 | 0.00 | 0.00 | 0.00 | 2.87 | 5.68 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.39 | 0.00 | 0.00 | 8.94 | 17.98 | 17.98 | | |
| 28-Apr-25 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2.28 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.20 | 0.00 | 2.48 | 12.12 | 12.12 | |
| 29-Apr-25 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2.97 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2.97 | 12.82 | 12.82 | | |
| 30-Apr-25 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 3.08 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 3.64 | 11.72 | 11.72 | | |
| Total | 0.00 | 6.26 | 56.47 | 0.00 | 1.06 | 99.75 | 162.65 | 4.85 | 0.00 | 2.99 | 1.90 | 25.78 | 7.75 | 0.20 | 0.98 | 14.20 | 384.84 | 587.35 | 587.35 |

Disclaimer:- Blank entry if the line under outage/shutdown on corresponding day

15.3 Import and Export of ER with WR & NER during April 2025

| Date | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------|--|---|--------------------------------------|-----------------------------------|---|---|---|---------------|--|--------------------------|--------------------------------------|-------------------------------------|---|---|---|----------------|---|---|--|----------------|---|---|--|----------------|
| | Export of WR to ER (WR-ER) | | | | | | | | Import of WR from ER (ER - WR) | | | | | | | | Export of ER to NER (ER-NER) | | | | Import of ER from NER (NER-ER) | | | |
| | WR - ER 765 kV Dharamnjaya rh - Ranchi 2xS/C | WR - ER 765 kV Dharamnjaya h - Jharsuguda Q/C | WR - ER 765 kV Durg - Jharsuguda D/C | WR - ER 400 kV Sipat - Ranchi D/C | WR - ER 400 kV Korba - Jharsuguda 2xD/C | WR - ER 220 KV Raigarh - Budhipadar D/C | WR - ER 220 KV Raigarh - Budhipadar D/C | Total WR - ER | ER - WR 765 kV Dharamnjaya rh - Ranchi 2xS/C | ER-WR 765 kV Dharamnjaya | ER - WR 765 kV Durg - Jharsuguda D/C | ER - WR 400 kV Sipat - Ranchi 2xD/C | ER - WR 400 kV Raigarh - Jharsuguda 2xD/C | ER - WR 220 KV Raigarh - Budhipadar D/C | ER - WR 220 KV Raigarh - Budhipadar D/C | Total ER - WR | ER - NER 400 kV Binaguri - Bongaigaon D/C | ER - NER 400 kV Alipurduar - Bongaigaon D/C | ER - NER 220 KV Birpara - Salakati D/C | Total ER - NER | NER - ER 400 kV Binaguri - Bongaigaon D/C | NER - ER 400 kV Alipurduar - Bongaigaon 2xD/C | NER - ER 220 KV Birpara - Salakati D/C | Total NER - ER |
| 1-Apr-25 | 5.3 | 18.4 | 0.0 | 0.4 | 0.0 | 0.4 | 0.0 | 24.56 | 2.5 | 0.6 | 18.4 | 1.9 | 10.1 | 0.5 | 1.8 | 35.81 | 0.24 | 0.16 | 0.00 | 0.39 | 3.27 | 5.27 | 1.19 | 9.72 |
| 2-Apr-25 | 3.3 | 16.9 | 0.0 | 0.3 | 0.0 | 0.4 | 0.0 | 20.83 | 5.2 | 1.6 | 20.4 | 3.1 | 11.3 | 0.7 | 2.0 | 44.25 | 0.73 | 0.71 | 0.03 | 1.46 | 2.41 | 4.13 | 0.89 | 7.43 |
| 3-Apr-25 | 6.6 | 5.0 | 0.0 | 0.3 | 0.0 | 0.1 | 0.0 | 12.01 | 6.1 | 3.5 | 24.0 | 3.1 | 13.1 | 1.2 | 2.2 | 53.28 | 1.15 | 1.11 | 0.06 | 2.32 | 1.96 | 3.02 | 0.72 | 5.70 |
| 4-Apr-25 | 15.1 | 10.0 | 0.0 | 1.5 | 0.0 | 0.2 | 0.0 | 26.87 | 0.2 | 1.7 | 21.2 | 1.1 | 12.1 | 0.8 | 1.8 | 38.82 | 0.62 | 0.63 | 0.03 | 1.28 | 1.76 | 2.93 | 0.73 | 5.42 |
| 5-Apr-25 | 16.3 | 12.4 | 0.0 | 2.0 | 0.0 | 0.6 | 0.0 | 31.28 | 0.3 | 3.2 | 19.6 | 0.6 | 11.2 | 0.5 | 1.2 | 36.61 | 0.63 | 0.53 | 0.02 | 1.19 | 3.77 | 6.21 | 1.36 | 11.34 |
| 6-Apr-25 | 19.9 | 21.0 | 0.0 | 2.9 | 0.0 | 0.8 | 0.0 | 44.63 | 0.0 | 1.3 | 14.7 | 0.3 | 11.1 | 0.1 | 1.3 | 28.76 | 0.34 | 0.26 | 0.00 | 0.61 | 4.74 | 8.40 | 1.82 | 14.95 |
| 7-Apr-25 | 18.6 | 19.8 | 0.0 | 2.8 | 0.0 | 0.3 | 0.0 | 41.59 | 0.0 | 1.4 | 13.3 | 0.2 | 8.9 | 0.5 | 1.0 | 25.32 | 1.04 | 0.53 | 0.17 | 1.75 | 2.07 | 3.55 | 0.55 | 6.17 |
| 8-Apr-25 | 20.2 | 18.1 | 0.0 | 2.4 | 0.0 | 0.3 | 0.0 | 40.99 | 0.0 | 0.7 | 14.8 | 0.3 | 9.2 | 0.7 | 1.6 | 27.36 | 2.16 | 2.25 | 0.41 | 4.82 | 1.57 | 2.84 | 0.26 | 4.67 |
| 9-Apr-25 | 22.0 | 16.1 | 0.0 | 2.6 | 0.0 | 0.8 | 0.0 | 41.60 | 0.0 | 0.7 | 15.4 | 0.2 | 8.0 | 0.1 | 1.1 | 25.55 | 1.76 | 1.22 | 0.33 | 3.31 | 1.25 | 1.89 | 0.29 | 3.43 |
| 10-Apr-25 | 10.6 | 18.8 | 0.0 | 1.4 | 0.0 | 0.9 | 0.0 | 31.64 | 4.2 | 0.9 | 16.7 | 2.3 | 9.6 | 0.4 | 2.0 | 36.01 | 1.54 | 2.13 | 0.38 | 4.06 | 0.83 | 1.32 | 0.14 | 2.30 |
| 11-Apr-25 | 2.2 | 17.6 | 0.0 | 0.1 | 0.0 | 0.1 | 0.0 | 20.07 | 10.4 | 1.9 | 18.0 | 4.8 | 11.2 | 1.2 | 2.4 | 50.00 | 2.75 | 4.19 | 0.66 | 7.60 | 0.22 | 0.22 | 0.09 | 0.52 |
| 12-Apr-25 | 7.7 | 17.6 | 0.0 | 0.9 | 0.0 | 0.3 | 0.0 | 26.49 | 4.3 | 4.0 | 12.8 | 2.9 | 11.5 | 1.2 | 2.1 | 38.68 | 1.87 | 2.79 | 0.17 | 4.83 | 0.90 | 1.49 | 0.32 | 2.72 |
| 13-Apr-25 | 2.9 | 5.4 | 0.0 | 0.0 | 0.0 | 0.4 | 0.0 | 8.73 | 4.6 | 9.2 | 12.6 | 3.5 | 13.6 | 1.2 | 2.3 | 47.07 | 0.00 | 0.03 | 0.00 | 0.03 | 3.32 | 4.45 | 1.25 | 9.02 |
| 14-Apr-25 | 7.3 | 6.6 | 0.0 | 0.9 | 0.0 | 0.5 | 0.0 | 15.24 | 3.7 | 8.7 | 12.4 | 3.2 | 13.1 | 1.3 | 2.3 | 44.77 | 2.03 | 2.81 | 0.41 | 5.25 | 2.82 | 4.56 | 1.07 | 8.45 |
| 15-Apr-25 | 4.4 | 3.9 | 0.0 | 0.2 | 0.0 | 0.0 | 0.0 | 8.48 | 3.7 | 11.0 | 14.6 | 3.4 | 14.5 | 2.3 | 2.3 | 51.82 | 0.82 | 0.64 | 0.00 | 1.47 | 1.85 | 2.96 | 0.86 | 5.67 |
| 16-Apr-25 | 7.3 | 1.8 | 0.0 | 0.5 | 0.0 | 0.1 | 0.0 | 9.75 | 3.4 | 13.6 | 15.4 | 3.1 | 13.6 | 1.6 | 2.4 | 53.18 | 1.27 | 1.14 | 0.07 | 2.49 | 2.48 | 4.15 | 0.95 | 7.58 |
| 17-Apr-25 | 5.1 | 3.3 | 0.0 | 0.5 | 0.0 | 0.4 | 0.0 | 9.39 | 5.5 | 9.8 | 15.0 | 4.0 | 11.9 | 1.1 | 2.1 | 49.30 | 0.21 | 0.05 | 0.00 | 0.26 | 3.60 | 6.26 | 1.49 | 11.35 |
| 18-Apr-25 | 1.5 | 2.5 | 0.0 | 0.0 | 0.0 | 0.3 | 0.0 | 4.27 | 6.1 | 12.3 | 14.0 | 4.5 | 13.4 | 0.9 | 2.0 | 53.22 | 0.27 | 0.09 | 0.00 | 0.35 | 3.52 | 5.92 | 1.33 | 10.77 |
| 19-Apr-25 | 7.4 | 8.1 | 0.0 | 0.6 | 0.0 | 0.7 | 0.0 | 16.88 | 6.2 | 10.3 | 19.9 | 3.5 | 10.3 | 0.8 | 1.8 | 52.85 | 0.40 | 0.23 | 0.02 | 0.65 | 3.17 | 4.92 | 1.05 | 9.14 |
| 20-Apr-25 | 15.0 | 8.2 | 0.0 | 1.6 | 0.0 | 0.5 | 0.0 | 25.28 | 1.1 | 6.9 | 16.6 | 1.5 | 11.3 | 0.9 | 1.8 | 40.09 | 0.09 | 0.32 | 0.01 | 0.42 | 2.69 | 3.93 | 1.01 | 7.63 |
| 21-Apr-25 | 22.0 | 7.0 | 0.0 | 2.5 | 0.0 | 0.3 | 0.0 | 31.89 | 0.0 | 6.7 | 17.6 | 0.4 | 11.6 | 0.9 | 1.2 | 38.50 | 0.33 | 0.42 | 0.04 | 0.80 | 3.10 | 4.68 | 0.97 | 8.75 |
| 22-Apr-25 | 25.3 | 9.2 | 0.0 | 3.7 | 0.0 | 0.2 | 0.1 | 38.45 | 0.0 | 5.1 | 15.4 | 0.2 | 10.2 | 0.8 | 0.8 | 32.52 | 0.17 | 0.33 | 0.05 | 0.56 | 4.10 | 5.96 | 1.32 | 11.38 |
| 23-Apr-25 | 19.4 | 11.7 | 0.0 | 2.3 | 0.0 | 0.1 | 0.0 | 33.49 | 0.0 | 3.1 | 16.9 | 0.7 | 12.1 | 1.1 | 1.3 | 35.09 | 0.00 | 0.00 | 0.00 | 0.00 | 7.68 | 9.46 | 2.27 | 19.41 |
| 24-Apr-25 | 18.9 | 10.4 | 0.0 | 2.3 | 0.0 | 0.4 | 0.0 | 32.06 | 0.3 | 4.0 | 16.4 | 0.5 | 10.3 | 0.8 | 1.2 | 33.56 | 0.00 | 0.00 | 0.00 | 0.00 | 7.39 | 10.97 | 2.27 | 20.63 |
| 25-Apr-25 | 24.3 | 7.0 | 0.0 | 3.8 | 0.0 | 0.2 | 0.0 | 35.30 | 0.0 | 7.0 | 15.6 | 0.1 | 10.5 | 0.8 | 1.3 | 35.36 | 0.49 | 0.79 | 0.01 | 1.29 | 3.16 | 4.60 | 1.03 | 8.78 |
| 26-Apr-25 | 22.7 | 9.3 | 0.0 | 3.4 | 0.0 | 0.2 | 0.0 | 35.62 | 0.0 | 3.6 | 15.4 | 0.1 | 8.8 | 1.3 | 1.0 | 30.24 | 0.63 | 0.91 | 0.01 | 1.55 | 2.06 | 3.07 | 0.78 | 5.91 |
| 27-Apr-25 | 11.8 | 6.1 | 0.0 | 1.5 | 0.0 | 0.8 | 0.0 | 20.20 | 0.4 | 2.1 | 17.4 | 0.8 | 9.1 | 0.3 | 1.2 | 31.24 | 0.64 | 0.98 | 0.09 | 1.70 | 3.25 | 4.76 | 1.24 | 9.25 |
| 28-Apr-25 | 7.7 | 5.7 | 0.0 | 1.0 | 0.0 | 0.7 | 0.0 | 15.14 | 2.8 | 4.2 | 18.1 | 1.9 | 8.9 | 0.2 | 1.4 | 37.50 | 0.01 | 0.07 | 0.01 | 0.09 | 3.11 | 4.36 | 1.11 | 8.58 |
| 29-Apr-25 | 4.0 | 3.4 | 0.0 | 0.7 | 0.0 | 0.7 | 0.0 | 8.87 | 5.7 | 9.2 | 19.8 | 2.2 | 8.4 | 0.6 | 1.5 | 47.45 | 0.58 | 0.82 | 0.01 | 1.41 | 3.07 | 4.82 | 1.08 | 8.96 |
| 30-Apr-25 | 6.3 | 0.9 | 0.0 | 1.4 | 0.0 | 0.5 | 0.0 | 8.98 | 2.8 | 11.8 | 20.7 | 1.2 | 6.8 | 0.5 | 1.6 | 45.42 | 1.03 | 1.89 | 0.15 | 3.07 | 1.80 | 2.56 | 0.65 | 5.01 |
| Total | 361.32 | 302.38 | 0.00 | 44.41 | 0.04 | 12.35 | 0.10 | 720.61 | 79.61 | 160.09 | 503.09 | 55.76 | 325.72 | 25.22 | 50.11 | 1199.60 | 23.81 | 28.02 | 3.15 | 54.98 | 86.91 | 133.68 | 30.05 | 250.64 |

15.4 Import and Export of SR with ER & WR during April 2025

| Date | Export of ER to SR (ER - SR) | | | | | | | | | | Import of ER from SR (SR - ER) | | | | | Export of WR to SR (WR-SR) | | | | | | | Import of WR from SR (SR - WR) | | | | | | |
|-----------|------------------------------|------------------------------|--------------------------------------|---------------|-----------------------|------------------------------|--------------------------------------|---------------|-------------------------|--------------------------------------|-------------------------------------|----------------------------------|----------------------------|-----------------------------------|----------------------------------|------------------------------------|---------------|-------------------------|--|-------------------------------------|---------------------------------|----------------------------|-------------------------------------|------------------------------------|---------------|--------|--|--|--|
| | ER - SR HVDC Gazuwaka | ER - SR HVDC Talchar - Kolar | ER-SR 765 kV Angul- Srikalakulam D/C | Total ER - SR | SR - ER HVDC Gazuwaka | SR - ER HVDC Talchar - Kolar | SR-ER 765 kV Angul- Srikalakulam D/C | Total SR - ER | WR - SR HVDC Bhadravati | WR-SR 765 kV Sholapur - Raichur 2x5C | WR-SR 765 kV Wardha - Nizamabad D/C | WR-SR 400kV Kolhapur - Kudgi D/C | WR-SR HVDC Raigarh- Puglur | WR-SR 220kV Xeldem - Ambewadi S/C | WR-SR 220kV Ponda - Ambewadi S/C | WR-SR 765 kV Warora - Warangal D/C | Total WR - SR | SR - WR HVDC Bhadravati | SR - WR 765 kV Raichur - Sholapur 2x5C | SR-WR 765 kV Wardha - Nizamabad D/C | SR-WR 400kV Kolhapur- Kudgi D/C | SR-WR HVDC Raigarh- Puglur | SR - WR 220kV Xeldem - Ambewadi S/C | SR-WR 765 kV Warangal - Warora D/C | Total SR - WR | | | | |
| 1-Apr-25 | 5.87 | 42.29 | 57.79 | 105.95 | 0.00 | 0.00 | 0.00 | 0.00 | 22.37 | 12.36 | 46.47 | 0.00 | 110.67 | 2.37 | 0.00 | 49.25 | 243.49 | 0.00 | 2.39 | 0.00 | 17.48 | 0.00 | 0.00 | 0.00 | 0.00 | 19.87 | | | |
| 2-Apr-25 | 5.57 | 42.01 | 58.64 | 106.23 | 0.00 | 0.00 | 0.00 | 0.00 | 24.20 | 18.23 | 47.58 | 0.00 | 99.25 | 2.08 | 0.01 | 50.71 | 242.06 | 0.00 | 1.23 | 0.00 | 15.50 | 0.00 | 0.00 | 0.00 | 0.00 | 16.73 | | | |
| 3-Apr-25 | 2.78 | 44.41 | 59.17 | 106.36 | 0.00 | 0.00 | 0.00 | 0.00 | 24.19 | 12.28 | 43.04 | 0.00 | 101.36 | 2.36 | 0.00 | 46.97 | 230.19 | 0.00 | 0.81 | 0.00 | 16.84 | 0.00 | 0.00 | 0.00 | 0.00 | 17.65 | | | |
| 4-Apr-25 | 2.79 | 47.02 | 58.11 | 107.92 | 0.00 | 0.00 | 0.00 | 0.00 | 24.12 | 13.05 | 39.43 | 0.00 | 65.77 | 2.38 | 0.00 | 44.07 | 188.83 | 0.00 | 1.22 | 0.00 | 17.65 | 0.00 | 0.00 | 0.00 | 0.00 | 18.88 | | | |
| 5-Apr-25 | 2.78 | 42.49 | 53.21 | 98.48 | 0.00 | 0.00 | 0.00 | 0.00 | 24.19 | 5.41 | 33.34 | 0.00 | 87.32 | 2.33 | 0.00 | 37.19 | 189.78 | 0.00 | 4.26 | 0.03 | 20.02 | 0.00 | 0.00 | 0.00 | 0.00 | 24.31 | | | |
| 6-Apr-25 | 4.08 | 48.13 | 46.91 | 99.11 | 0.00 | 0.00 | 0.00 | 0.00 | 24.17 | 4.91 | 35.35 | 0.00 | 64.69 | 2.34 | 0.00 | 38.04 | 169.51 | 0.00 | 4.66 | 0.00 | 22.49 | 0.00 | 0.00 | 0.00 | 0.00 | 27.15 | | | |
| 7-Apr-25 | 5.23 | 43.55 | 47.99 | 96.76 | 0.00 | 0.00 | 0.00 | 0.00 | 24.12 | 7.94 | 36.50 | 0.00 | 81.70 | 2.41 | 0.00 | 39.94 | 192.62 | 0.00 | 3.48 | 0.00 | 20.20 | 0.00 | 0.00 | 0.00 | 0.00 | 23.68 | | | |
| 8-Apr-25 | 2.67 | 41.37 | 49.63 | 93.67 | 0.00 | 0.00 | 0.00 | 0.00 | 24.11 | 7.24 | 34.97 | 0.00 | 78.29 | 2.37 | 0.00 | 38.97 | 185.97 | 0.00 | 2.13 | 0.00 | 22.65 | 0.00 | 0.00 | 0.00 | 0.00 | 24.77 | | | |
| 9-Apr-25 | 2.67 | 47.35 | 53.94 | 103.97 | 0.00 | 0.00 | 0.00 | 0.00 | 24.13 | 11.06 | 37.72 | 0.00 | 59.45 | 2.33 | 0.00 | 42.03 | 176.73 | 0.00 | 0.81 | 0.00 | 20.81 | 0.00 | 0.00 | 0.00 | 0.00 | 21.62 | | | |
| 10-Apr-25 | 2.69 | 48.12 | 55.05 | 105.85 | 0.00 | 0.00 | 0.00 | 0.00 | 24.12 | 5.06 | 36.99 | 0.00 | 70.90 | 2.38 | 0.00 | 41.30 | 180.75 | 0.00 | 4.17 | 0.00 | 27.56 | 0.00 | 0.00 | 0.00 | 0.00 | 31.73 | | | |
| 11-Apr-25 | 2.68 | 48.11 | 55.33 | 106.12 | 0.00 | 0.00 | 0.00 | 0.00 | 24.06 | 5.56 | 37.77 | 0.00 | 92.03 | 2.41 | 0.00 | 41.80 | 203.64 | 0.00 | 3.74 | 0.00 | 25.43 | 0.00 | 0.00 | 0.00 | 0.00 | 29.18 | | | |
| 12-Apr-25 | 2.68 | 48.10 | 52.51 | 103.29 | 0.00 | 0.00 | 0.00 | 0.00 | 24.17 | 4.56 | 31.88 | 0.00 | 93.52 | 2.40 | 0.00 | 35.52 | 192.07 | 0.00 | 9.19 | 0.00 | 26.85 | 0.00 | 0.00 | 0.00 | 0.00 | 36.05 | | | |
| 13-Apr-25 | 2.68 | 48.10 | 49.44 | 100.22 | 0.00 | 0.00 | 0.00 | 0.00 | 24.23 | 3.66 | 28.33 | 0.00 | 93.10 | 2.22 | 0.01 | 30.40 | 181.94 | 0.00 | 8.09 | 0.00 | 25.15 | 0.00 | 0.00 | 0.00 | 0.00 | 33.24 | | | |
| 14-Apr-25 | 2.68 | 48.10 | 51.84 | 102.62 | 0.00 | 0.00 | 0.00 | 0.00 | 21.92 | 6.64 | 32.30 | 0.00 | 72.88 | 2.23 | 0.00 | 34.01 | 169.97 | 0.00 | 5.26 | 0.00 | 20.80 | 0.00 | 0.00 | 0.00 | 0.00 | 26.05 | | | |
| 15-Apr-25 | 2.68 | 43.20 | 52.07 | 97.94 | 0.00 | 0.00 | 0.00 | 0.00 | 24.18 | 4.27 | 30.16 | 0.00 | 83.08 | 2.28 | 0.00 | 32.37 | 176.34 | 0.00 | 7.06 | 0.00 | 24.76 | 0.00 | 0.00 | 0.00 | 0.00 | 31.83 | | | |
| 16-Apr-25 | 2.69 | 37.30 | 52.56 | 92.56 | 0.00 | 0.00 | 0.00 | 0.00 | 21.42 | 3.18 | 31.78 | 0.00 | 88.25 | 2.36 | 0.00 | 33.15 | 180.14 | 0.00 | 5.05 | 0.00 | 24.38 | 0.00 | 0.00 | 0.00 | 0.00 | 29.43 | | | |
| 17-Apr-25 | 2.69 | 45.34 | 57.59 | 105.62 | 0.00 | 0.00 | 0.00 | 0.00 | 16.78 | 6.36 | 39.63 | 0.00 | 90.42 | 2.34 | 0.00 | 42.64 | 198.17 | 0.00 | 1.45 | 0.00 | 23.76 | 0.00 | 0.00 | 0.00 | 0.00 | 25.21 | | | |
| 18-Apr-25 | 2.70 | 42.32 | 56.50 | 101.52 | 0.00 | 0.00 | 0.00 | 0.00 | 24.11 | 3.82 | 35.77 | 0.00 | 96.53 | 2.28 | 0.00 | 38.35 | 200.87 | 0.00 | 3.63 | 0.00 | 23.43 | 0.00 | 0.00 | 0.00 | 0.00 | 27.05 | | | |
| 19-Apr-25 | 1.26 | 45.43 | 50.61 | 97.30 | 1.31 | 0.00 | 0.00 | 1.31 | 24.12 | 4.00 | 28.85 | 0.00 | 106.14 | 2.41 | 0.00 | 33.89 | 199.43 | 0.00 | 10.52 | 0.00 | 27.81 | 0.00 | 0.00 | 0.00 | 0.00 | 38.33 | | | |
| 20-Apr-25 | 2.02 | 45.76 | 45.24 | 93.02 | 1.74 | 0.00 | 0.00 | 1.74 | 24.13 | 2.25 | 19.87 | 0.00 | 65.99 | 2.34 | 0.00 | 25.14 | 139.72 | 0.00 | 17.09 | 0.05 | 30.12 | 0.00 | 0.00 | 0.00 | 0.00 | 47.27 | | | |
| 21-Apr-25 | 1.54 | 40.59 | 50.12 | 92.25 | 1.13 | 0.00 | 0.00 | 1.13 | 24.08 | 2.43 | 22.29 | 0.00 | 54.92 | 2.45 | 0.00 | 29.79 | 135.97 | 0.00 | 10.25 | 0.15 | 25.31 | 0.00 | 0.00 | 0.00 | 0.02 | 35.73 | | | |
| 22-Apr-25 | 0.00 | 45.75 | 50.00 | 95.75 | 3.32 | 0.00 | 0.00 | 3.32 | 20.25 | 7.58 | 25.96 | 0.00 | 63.68 | 2.52 | 0.00 | 34.92 | 154.90 | 0.00 | 4.91 | 0.00 | 19.95 | 0.00 | 0.00 | 0.00 | 0.00 | 24.86 | | | |
| 23-Apr-25 | 0.00 | 40.07 | 53.46 | 93.53 | 4.79 | 0.00 | 0.00 | 4.79 | 11.03 | 7.72 | 27.37 | 0.01 | 75.62 | 2.67 | 0.00 | 38.04 | 162.46 | 0.00 | 2.10 | 0.00 | 17.18 | 0.00 | 0.00 | 0.00 | 0.00 | 19.28 | | | |
| 24-Apr-25 | 0.00 | 44.11 | 52.56 | 96.67 | 4.80 | 0.00 | 0.00 | 4.80 | 13.24 | 5.43 | 28.72 | 0.00 | 88.72 | 2.55 | 0.00 | 37.46 | 176.13 | 0.00 | 2.97 | 0.00 | 19.24 | 0.00 | 0.00 | 0.00 | 0.00 | 22.20 | | | |
| 25-Apr-25 | 0.71 | 37.22 | 48.16 | 86.09 | 2.90 | 0.00 | 0.00 | 2.90 | 21.37 | 4.04 | 23.06 | 0.00 | 105.76 | 2.69 | 0.00 | 31.67 | 188.59 | 0.00 | 4.72 | 0.00 | 18.80 | 0.00 | 0.00 | 0.00 | 0.00 | 23.52 | | | |
| 26-Apr-25 | 0.00 | 44.85 | 53.28 | 98.12 | 2.55 | 0.00 | 0.00 | 2.55 | 12.96 | 11.65 | 30.31 | 0.01 | 86.65 | 1.76 | 0.70 | 39.86 | 183.89 | 0.00 | 1.20 | 0.00 | 14.69 | 0.00 | 0.00 | 0.00 | 0.00 | 15.90 | | | |
| 27-Apr-25 | 0.00 | 46.21 | 53.84 | 100.05 | 4.15 | 0.00 | 0.00 | 4.15 | 8.76 | 4.60 | 27.36 | 0.00 | 75.80 | 2.22 | 0.00 | 36.35 | 155.10 | 0.00 | 3.89 | 0.00 | 24.95 | 0.00 | 0.00 | 0.00 | 0.00 | 28.85 | | | |
| 28-Apr-25 | 0.00 | 48.10 | 61.45 | 109.55 | 7.09 | 0.00 | 0.00 | 7.09 | 15.88 | 11.37 | 35.67 | 0.00 | 83.60 | 2.34 | 0.00 | 45.23 | 194.09 | 0.00 | 0.39 | 0.00 | 17.66 | 0.00 | 0.00 | 0.00 | 0.00 | 18.06 | | | |
| 29-Apr-25 | 0.30 | 48.11 | 53.24 | 101.65 | 5.48 | 0.00 | 0.00 | 5.48 | 24.13 | 5.65 | 28.07 | 0.00 | 118.38 | 2.52 | 0.00 | 36.70 | 215.46 | 0.00 | 2.94 | 0.00 | 21.40 | 0.00 | 0.00 | 0.00 | 0.00 | 24.34 | | | |
| 30-Apr-25 | 0.00 | 45.14 | 51.40 | 96.53 | 4.77 | 0.00 | 0.00 | 4.77 | 24.07 | 4.58 | 27.40 | 0.00 | 109.59 | 2.67 | 0.00 | 34.59 | 202.89 | 0.00 | 4.78 | 0.00 | 24.14 | 0.00 | 0.00 | 0.00 | 0.00 | 28.92 | | | |
| TOTAL | 64.45 | 1338.63 | 1591.65 | 2994.74 | 44.04 | 0.00 | 0.00 | 44.04 | 644.61 | 206.88 | 983.94 | 0.02 | 2564.04 | 71.04 | 0.79 | 1140.34 | 5611.68 | 0.00 | 134.40 | 0.24 | 657.02 | 0.00 | 0.00 | 0.01 | 0.02 | 791.68 | | | |

16. भूटान , नेपाल, बांगलादेश एवं म्यान्मार के साथ अंतरराष्ट्रीय विद्युत विनिमय

अप्रैल 2025 से मार्च 2026 April 2025 to March 2026

अंतरराष्ट्रीय विद्युत विनिमय [भारत से निर्यात/ 'को आयात']

Transnational Exchange (Export from/Import to India)

| माह MONTH | भूटान BHUTAN | | नेपाल NEPAL | | बांगलादेश BANGLADESH | | म्यान्मार MYANMAR | |
|--------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|
| | Energy Exported (In MU) | Energy Imported (In MU) |
| अप्रैल 2025 APR'25 | 72.61 | 27.18 | 365.47 | 0.00 | 684.92 | 0.00 | 0.70 | 0.00 |
| कुल Total | 72.61 | 27.18 | 365.47 | 0.00 | 684.92 | 0.00 | 0.70 | 0.00 |

* Based on daily operational data

| Date | 16.1 Import from neighbouring countries during Apr 2025 | | | | | | | | | | | | | |
|--------------|---|-------------------------|--------------------------|------------------------|-------------------------------------|----------------------------------|-----------------------|-------------------------|------------------------------------|------------------------------------|-------------------------------|------------------------------|-------------------|------------------|
| | Import from Bhutan | | | | | | | | Import from Bangladesh | | Import from Nepal | | | |
| | 400 kV Tala-Binaguri I,II & IV | 400 kV Binaguri-Malbase | 220 kV Birpara-Chuka D/C | 220 kV Birpara-Malbase | 400 kV Punatsanchu-Alipurduwar D/C* | 400 kV Jigmeling-Alipurduwar D/C | 132 kV Rangia-Motanga | 132 kV Salakati-Gelephu | 400 kV Behrampur-Bheramara 1,2,3&4 | 132 kV Surjyamaninagar-Comilla D/C | 132 kV Tanakpur-Mahendranagar | 400 kV Muzaffarpur-Dhalkebar | From BIHAR Source | 11 kV Moreh-Tamu |
| 1-Apr-25 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 5.12 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 2-Apr-25 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 4.20 | 0.05 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 3-Apr-25 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 4.51 | 0.11 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 4-Apr-25 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 4.68 | 0.12 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 5-Apr-25 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 4.17 | 0.06 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 6-Apr-25 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2.69 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 7-Apr-25 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2.25 | 0.07 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 8-Apr-25 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2.23 | 0.30 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 9-Apr-25 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2.69 | 0.15 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 10-Apr-25 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 4.23 | 0.14 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 11-Apr-25 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 4.97 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 12-Apr-25 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 5.09 | 0.20 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 13-Apr-25 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 7.40 | 0.17 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 14-Apr-25 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 4.56 | 0.10 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 15-Apr-25 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 3.72 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 16-Apr-25 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2.86 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 17-Apr-25 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 3.18 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 18-Apr-25 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 3.78 | 0.09 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 19-Apr-25 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 5.12 | 0.34 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 20-Apr-25 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 7.38 | 0.41 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 21-Apr-25 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 6.13 | 0.19 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 22-Apr-25 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 7.15 | 0.06 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 23-Apr-25 | 1.89 | 0.70 | 0.00 | 0.00 | 0.00 | 11.31 | 0.26 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 24-Apr-25 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 | 7.38 | 0.27 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 25-Apr-25 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 7.35 | 0.27 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 26-Apr-25 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 6.41 | 0.40 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 27-Apr-25 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 6.27 | 0.30 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 28-Apr-25 | 0.42 | 0.00 | 0.00 | 0.00 | 0.00 | 6.21 | 0.34 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 29-Apr-25 | 0.55 | 0.00 | 0.00 | 0.00 | 0.00 | 4.65 | 0.21 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 30-Apr-25 | 0.31 | 0.00 | 0.00 | 0.00 | 0.00 | 6.81 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Total | 3.18 | 0.70 | 0.00 | 0.00 | 0.00 | 154.49 | 4.63 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

Based on SEM/Energy meter data for links where available (*Mangdechu generation receipt at APD through a bypassed arrangement at 400kV Punatsanchu station)

16.2 Export to neighbouring countries during Apr 2025

(All figures in MU)

| Date | Export to Bhutan | | | | | | | | | | | Export to Bangladesh | | Export to Nepal | | |
|--------------|--------------------------------|-------------------------|--------------------------|------------------------|-------------------------------------|----------------------------------|-----------------------|-------------------------|------------------------------------|------------------------------------|-------------------------------|------------------------------|-------------------|------------------|--|--|
| | 400 kV Tala-Binaguri I,II & IV | 400 kV Binaguri-Malbase | 220 kV Birpara-Chuka D/C | 220 kV Birpara-Malbase | 400 kV Punatsanchu-Alipurduwar D/C* | 400 kV Jigmeling-Alipurduwar D/C | 132 kV Rangia-Motanga | 132 kV Salakati-Gelephu | 400 kV Behrampur-Bheramara 1,2,3&4 | 132 kV Surjyamaninagar-Comilla D/C | 132 kV Tanakpur-Mahendranagar | 400 kV Muzaffarpur-Dhalkebar | From BIHAR Source | 11 kV Moreh-Tamu | | |
| | | | | | | | | | | | | | | | | |
| 1-Apr-25 | 0.92 | 2.08 | 3.10 | 1.54 | 0.00 | 0.00 | 0.00 | 0.32 | 21.96 | 0.59 | 1.16 | 7.93 | 3.27 | 0.03 | | |
| 2-Apr-25 | 0.94 | 2.16 | 3.04 | 1.42 | 0.00 | 0.00 | 0.00 | 0.36 | 21.81 | 0.59 | 1.09 | 7.99 | 3.15 | 0.02 | | |
| 3-Apr-25 | 1.48 | 2.65 | 3.17 | 1.50 | 0.00 | 0.00 | 0.00 | 0.23 | 21.61 | 0.61 | 1.10 | 7.52 | 2.97 | 0.03 | | |
| 4-Apr-25 | 1.02 | 2.20 | 3.30 | 1.27 | 0.00 | 0.00 | 0.00 | 0.27 | 21.67 | 0.65 | 1.08 | 7.98 | 3.23 | 0.02 | | |
| 5-Apr-25 | 1.20 | 2.27 | 3.22 | 1.53 | 0.00 | 0.00 | 0.00 | 0.40 | 22.10 | 0.75 | 1.13 | 6.79 | 3.28 | 0.03 | | |
| 6-Apr-25 | 1.08 | 2.25 | 3.25 | 1.63 | 0.00 | 0.00 | 0.01 | 0.55 | 22.25 | 0.86 | 1.16 | 8.18 | 3.14 | 0.03 | | |
| 7-Apr-25 | 1.31 | 2.46 | 2.88 | 1.35 | 0.00 | 0.00 | 0.00 | 0.38 | 22.04 | 0.79 | 1.09 | 8.80 | 3.15 | 0.02 | | |
| 8-Apr-25 | 1.38 | 2.54 | 2.99 | 1.12 | 0.00 | 0.00 | 0.00 | 0.15 | 22.07 | 0.93 | 1.37 | 9.41 | 2.96 | 0.03 | | |
| 9-Apr-25 | 1.30 | 2.46 | 2.94 | 1.43 | 0.00 | 0.00 | 0.00 | 0.30 | 22.00 | 0.96 | 1.23 | 7.73 | 2.97 | 0.02 | | |
| 10-Apr-25 | 1.16 | 2.14 | 3.03 | 1.55 | 0.00 | 0.00 | 0.00 | 0.24 | 22.23 | 0.98 | 0.09 | 3.37 | 2.74 | 0.03 | | |
| 11-Apr-25 | 0.49 | 1.78 | 3.17 | 0.83 | 0.00 | 0.00 | 0.01 | 0.12 | 21.89 | 0.88 | 0.83 | 4.92 | 2.48 | 0.03 | | |
| 12-Apr-25 | 0.89 | 2.10 | 2.93 | 1.44 | 0.00 | 0.00 | 0.00 | 0.22 | 21.90 | 0.94 | 0.91 | 5.32 | 2.73 | 0.02 | | |
| 13-Apr-25 | 0.47 | 1.18 | 3.10 | 1.81 | 0.00 | 0.00 | 0.00 | 0.25 | 21.98 | 0.92 | 1.07 | 6.82 | 2.51 | 0.02 | | |
| 14-Apr-25 | 0.73 | 1.92 | 3.12 | 1.54 | 0.00 | 0.00 | 0.00 | 0.32 | 22.03 | 0.73 | 1.03 | 4.87 | 2.90 | 0.03 | | |
| 15-Apr-25 | 1.14 | 2.32 | 3.30 | 1.62 | 0.00 | 0.00 | 0.08 | 0.38 | 21.92 | 0.83 | 1.02 | 6.57 | 4.15 | 0.02 | | |
| 16-Apr-25 | 1.07 | 2.27 | 3.19 | 1.50 | 0.00 | 0.00 | 0.03 | 0.40 | 21.63 | 0.71 | 1.19 | 6.92 | 2.49 | 0.02 | | |
| 17-Apr-25 | 0.89 | 2.03 | 3.20 | 1.61 | 0.00 | 0.00 | 0.04 | 0.48 | 21.88 | 0.76 | 1.15 | 7.02 | 2.19 | 0.02 | | |
| 18-Apr-25 | 1.04 | 2.15 | 3.18 | 1.64 | 0.00 | 0.00 | 0.00 | 0.43 | 22.14 | 1.34 | 1.10 | 6.44 | 3.00 | 0.02 | | |
| 19-Apr-25 | 0.19 | 1.40 | 2.57 | 1.33 | 0.00 | 0.00 | 0.00 | 0.32 | 22.10 | 1.77 | 0.76 | 4.49 | 2.60 | 0.02 | | |
| 20-Apr-25 | 0.36 | 1.53 | 2.67 | 1.37 | 0.00 | 0.00 | 0.00 | 0.22 | 22.11 | 2.01 | 1.33 | 8.36 | 2.23 | 0.02 | | |
| 21-Apr-25 | 0.28 | 1.45 | 2.67 | 1.40 | 0.00 | 0.00 | 0.00 | 0.31 | 21.89 | 1.58 | 1.25 | 8.99 | 2.07 | 0.03 | | |
| 22-Apr-25 | 0.18 | 1.32 | 2.67 | 1.40 | 0.00 | 0.00 | 0.00 | 0.34 | 21.23 | 1.48 | 1.28 | 7.54 | 2.34 | 0.03 | | |
| 23-Apr-25 | 0.00 | 0.00 | 1.37 | 1.02 | 0.00 | 0.00 | 0.00 | 0.13 | 21.60 | 0.89 | 1.05 | 7.20 | 2.42 | 0.02 | | |
| 24-Apr-25 | 0.00 | 1.06 | 2.36 | 1.29 | 0.00 | 0.00 | 0.00 | 0.30 | 21.73 | 0.94 | 1.19 | 7.42 | 2.26 | 0.02 | | |
| 25-Apr-25 | 0.37 | 1.33 | 2.42 | 1.07 | 0.00 | 0.00 | 0.00 | 0.10 | 21.12 | 0.92 | 1.27 | 8.56 | 2.43 | 0.02 | | |
| 26-Apr-25 | 0.70 | 1.66 | 2.55 | 1.09 | 0.00 | 0.00 | 0.00 | 0.10 | 19.84 | 0.95 | 1.26 | 7.67 | 2.37 | 0.03 | | |
| 27-Apr-25 | 0.07 | 1.20 | 2.70 | 1.23 | 0.00 | 0.00 | 0.00 | 0.20 | 22.26 | 0.93 | 1.26 | 7.97 | 3.74 | 0.02 | | |
| 28-Apr-25 | 0.00 | 0.85 | 3.03 | 1.59 | 0.00 | 0.00 | 0.00 | 0.00 | 21.84 | 0.79 | 1.02 | 4.99 | 2.38 | 0.02 | | |
| 29-Apr-25 | 0.00 | 0.63 | 2.55 | 1.21 | 0.00 | 0.00 | 0.00 | 0.16 | 21.44 | 0.73 | 1.14 | 6.50 | 3.12 | 0.02 | | |
| 30-Apr-25 | 0.00 | 0.86 | 2.33 | 1.05 | 0.00 | 0.00 | 0.03 | 0.13 | 21.39 | 0.81 | 1.33 | 7.57 | 3.47 | 0.02 | | |
| Total | 20.65 | 52.24 | 86.01 | 41.37 | 0.00 | 0.00 | 0.20 | 8.11 | 653.66 | 28.63 | 32.97 | 211.85 | 84.73 | 0.70 | | |

Based on SEM/Energy meter data for links where available (*Mangdechu generation receipt at APD through a bypassed arrangement at 400kV Punatsanchu station)

17. एसटीओए (द्विपक्षीय एवं सामूहिक) एवं डी एस एम बिलिंग का ब्योरा – अप्रैल 2025

STOA (BILATERAL AND COLLECTIVE) & DSM BILLING DETAILS - APRIL 2025

द्विपक्षीय एसटीओए BILATERAL SHORT TERM OPEN ACCESS

| अप्रैल 2025 APRIL 2025 | | Apr'25- Mar'26 | | |
|--|--|---|--|--|
| नोडल क्षे.भा.प्रे.के. का नाम Name of Nodal RLDC | अनुमोदित लेन – देनों की संख्या No. of Approved Transactions | अनुमोदित ऊर्जा (मि.यु.) Energy Approved(MU) | अनुमोदित लेन – देनों की संख्या No. of Approved Transactions | अनुमोदित ऊर्जा (मि.यु.) Energy Approved (MU) |
| क्ष. क्षे. NR | 483 | 478 | 483 | 478 |
| प.क्षे. WR | 1237 | 1162 | 1237 | 1162 |
| द.क्षे. SR | 413 | 4148 | 413 | 4148 |
| पू.क्षे. ER | 613 | 1183 | 613 | 1183 |
| पूर्वोत्तर क्षे. NER | 58 | 167 | 58 | 167 |
| कुल TOTAL | 2804 | 7138 | 2804 | 7138 |

एसटीओए SHORT TERM OPEN ACCESS

| | सामूहिक एसटीओए Collective STOA | | द्विपक्षीय एसटीओए Bilateral STOA | |
|--------------------|---|--|--|--|
| माह MONTH | क्रेताओं / विक्रेताओं की स. NO. of Buyers/Sellers | अनुमोदित ऊर्जा (मि.यु.) Approved Energy (MU) | अनुमोदित लेन – देनों की संख्या No. of Approved Transactions | अनुमोदित ऊर्जा (मि.यु.) Approved Energy (MU) |
| अप्रैल 2025 Apr'25 | 13712 | 9041 | 2804 | 7138 |
| कुल TOTAL | 13712 | 9041 | 2804 | 7138 |

मासिक डी एस एम बिलिंग का ब्योरा* 2025-26
MONTHLY DSM BILLING DETAILS* 2025-26

अनंतिम आँकड़े
Provisional data
subject to change

करोड़ रु. मे (RS. IN CRORES)

| क्षेत्र REGION → | उत्तरी क्षेत्र NORTH | पश्चिमी क्षेत्र WEST | दक्षिणी क्षेत्र SOUTH | पूर्वी क्षेत्र EAST | पूर्वोत्तर क्षेत्र NORTH EAST |
|----------------------|----------------------|----------------------|-----------------------|---------------------|-------------------------------|
| सप्ताह WEEK ↓ | | | | | |
| 31.03.25 to 06.04.25 | 280.28 | 319.19 | 22.53 | 308.05 | 89.33 |
| 07.04.25 to 13.04.25 | 273.43 | 325.11 | 23.56 | 251.72 | 69.79 |
| 14.04.25 to 20.04.25 | 192.00 | 234.23 | 30.90 | 213.09 | 74.29 |
| 21.04.25 to 27.04.25 | 514.25 | 538.99 | 53.53 | 496.51 | 110.57 |
| 28.04.25 to 04.05.25 | 182.41 | 236.29 | 17.30 | 187.25 | - |

* Amount shown is Payable to DSM pool ^Provisional Data

18. पावर मार्केट की सूचना (स्रोत : आईएक्स & पीएक्स.आई.एल.)
 POWER MARKET INFORMATION (Source IEX & PXIL)

पावर एक्सचेंज के माध्यम से विनियय - माह- अप्रैल 2025
 EXCHANGES THROUGH POWER EXCHANGES-APRIL 2025

| क्र. स. No. | शोधीय इकाई Regional Entity | क्षेत्र Region | पावर एक्सचेंज के माध्यम से (मि.ग्रे. मे) Through Power Exchange in MU | |
|-------------|---|-------------------|---|--------|
| | | | (DAM+HP DAM+RTM) | |
| 1 | AD HYDRO POWER LIMITED | उत्तरी क्षेत्र NR | 35.23 | 0.00 |
| 2 | ADANI GREEN ENERGY TWENTY FIVE LIMITED | | 123.18 | 0.00 |
| 3 | ADANI GREEN ENERGY TWENTY FOUR LIMITED | | 114.59 | 0.00 |
| 4 | ADANI SOLAR ENERGY JAISALMER TWO PRIVATE LIMITED(Project-2) | | 22.52 | 0.00 |
| 5 | ADANI SOLAR ENERGY JODHPUR TWO LIMITED | | 11.55 | 0.00 |
| 6 | AMP Energy Green Four Private Limited | | 11.58 | 0.00 |
| 7 | Adept Renewable Technologies Private Limited | | 28.82 | 0.00 |
| 8 | Amp Energy Green Six Private Limited | | 23.82 | 0.00 |
| 9 | Amplus Ages Private Limited | | 4.19 | 0.00 |
| 10 | Budhil HEP (Greenko Budhil Hydro Power Pvt. Ltd.) | | 3.34 | 0.00 |
| 11 | Chandigarh (UT) | | 46.65 | 10.45 |
| 12 | Delhi | | 289.38 | 108.99 |
| 13 | Government of Himachal Pradesh _ Chamera1HEP | | 17.98 | 1.37 |
| 14 | Government of Himachal Pradesh _ Chamera3HEP | | 8.11 | 0.75 |
| 15 | Government of Himachal Pradesh_ CHAMERA2HEP | | 12.53 | 1.47 |
| 16 | Government of Himachal Pradesh_BairasuliHEP | | 9.58 | 1.11 |
| 17 | Government of Himachal Pradesh_Koldam HEP | | 16.18 | 1.25 |
| 18 | Government of Himachal Pradesh_NJHPS | | 40.16 | 2.59 |
| 19 | Government of Himachal Pradesh_Parbati2HEP | | 13.10 | 2.13 |
| 20 | Government of Himachal Pradesh_Parbati3HEP | | 8.01 | 1.20 |
| 21 | Government of Himachal Pradesh_RampurHEP | | 12.05 | 0.80 |
| 22 | Grian Energy Private Limited | | 13.04 | 0.00 |
| 23 | Haryana | | 453.16 | 71.16 |
| 24 | Himachal Pradesh | | 99.96 | 31.23 |
| 25 | IGSTPS JHAJJAR | | 7.35 | 0.00 |
| 26 | JUNIPER GREEN COSMIC PRIVATE LIMITED | | 10.31 | 0.00 |
| 27 | JUNIPER NIRJARA ENERGY PRIVATE LIMITED | | 10.60 | 0.00 |
| 28 | Jammu Kashmir | | 114.48 | 118.06 |
| 29 | KARCHAM WANGTOO HYDRO ELECTRIC PLANT. | | 30.39 | 0.00 |
| 30 | NEA - UP STU | | 0.00 | 17.89 |
| 31 | NEA Nepal Upper Kalangagad Hydropower Project new | | 0.33 | 0.00 |
| 32 | NEPAL ELECTRICITY AUTHORITY TANAKPUR | | 0.00 | 16.23 |
| 33 | NTPC Dadri Stage I | | 6.28 | 0.00 |
| 34 | NTPC Dadri Stage II | | 10.28 | 0.00 |
| 35 | NTPC Rihand stage I | | 12.21 | 0.00 |
| 36 | NTPC Rihand stage II | | 12.86 | 0.00 |
| 37 | NTPC Rihand stage III | | 15.31 | 0.00 |
| 38 | NTPC Singrauli | | 23.19 | 0.00 |
| 39 | NTPC Tanda Stage II | | 9.14 | 0.00 |
| 40 | NTPC Unchahar Stage I | | 2.35 | 0.00 |
| 41 | NTPC Unchahar Stage II | | 2.56 | 0.00 |
| 42 | NTPC Unchahar Stage III | | 1.58 | 0.00 |
| 43 | NTPC Unchahar Stage IV | | 8.59 | 0.00 |
| 44 | North Central Railway Prayagraj | | 0.00 | 15.51 |

| 18. पावर मार्केट की सूचना (स्रोत : आईएक्स & पीएक्स.आई.एल.) POWER MARKET INFORMATION (Source IEX & PXIL) | | | |
|--|--|----------------|---|
| पावर एक्सचेंज के माध्यम से विनियय - माह- अप्रैल 2025 EXCHANGES THROUGH POWER EXCHANGES-APRIL 2025 | | | |
| क्र. स. No. | शोधीय इकाई Regional Entity | क्षेत्र Region | पावर एक्सचेंज के माध्यम से (मि.ग्र. मे) Through Power Exchange in MU |
| | | | (DAM+HP DAM+RTM) |
| 45 | Onevolt Energy Private Limited | | 6.43 |
| 46 | Punjab | | 7.63 |
| 47 | RENEW SURYA PRATAP PRIVATE LIMITED | | 49.04 |
| 48 | RENEW SURYA ROSHNI PRIVATE LIMITED-Fatehgarh-III PS | | 0.20 |
| 49 | Rajasthan | | 338.34 |
| 50 | ReNew Surya Ravi Private Limited | | 46.32 |
| 51 | SHREE CEMENT LIMITED TPS | | 22.28 |
| 52 | Sainj HEP | | 13.84 |
| 53 | Serentica Renewables India 4 Private Limited | | 3.95 |
| 54 | Serentica Renewables India 5 Private Limited | | 23.57 |
| 55 | Singoli Bhatwari HEP | | 11.63 |
| 56 | Sorang HEP (Himachal Sorang Power Pvt. Ltd.)) | | 11.93 |
| 57 | TPSL 200MW TPTCL Banderwala | | 9.65 |
| 58 | TPSL Banderwala SECI 100_INF | | 5.68 |
| 59 | Transition Cleantech Services Private Limited | | 2.43 |
| 60 | Transition Energy Services Private Limited | | 14.59 |
| 61 | Transition Green Energy Private Limited | | 4.12 |
| 62 | Transition Sustainable Energy Services One Private Limited | | 14.45 |
| 63 | Uttar Pradesh | | 863.12 |
| 64 | Uttarakhand | | 49.23 |
| 65 | ACB (INDIA) LIMITED | | 33.81 |
| 66 | ADANI GREEN ENERGY TWENTY FOUR LIMITED_PSS4 | | 19.49 |
| 67 | ADANI GREEN ENERGY TWENTY SIX A LIMITED_PSS-3 | | 3.48 |
| 68 | ADANI HYBRID ENERGY JAISALMER FIVE LIMITED_PSS5_Solar | | 16.99 |
| 69 | ADANI PORTS AND SPECIAL ECONOMIC ZONE LIMITED (PSS-3) | | 53.17 |
| 70 | ADANI RENEWABLE ENERGY FIFTY FIVE LIMITED_PSS-3 (162.5 MW Hybrid Solar of 187.5MW HPD) | | 46.72 |
| 71 | ADANI RENEWABLE ENERGY FIFTY FIVE LIMITED_PSS3 (20.8 MW Hybrid Wind of 25 MW of 187.5MW HPD) | | 1.48 |
| 72 | ADANI RENEWABLE ENERGY FIFTY FIVE LIMITED_PSS3 (25 MW Hybrid Solar of 25 MW of 187.5MW HPD) | | 1.89 |
| 73 | ADANI RENEWABLE ENERGY FIFTY SEVEN LIMITED_PSS13 | | 84.08 |
| 74 | ADANI RENEWABLE ENERGY FIFTY SEVEN LIMITED_PSS13_infirm | | 3.09 |
| 75 | ADANI RENEWABLE ENERGY FIFTY SIX LIMITED_PSS4 | | 48.57 |
| 76 | ADANI RENEWABLE ENERGY FIFTY SIX LIMITED_PSS9 | | 42.64 |
| 77 | ADANI RENEWABLE ENERGY FORTY FIVE LIMITED_PSS5 | | 5.18 |
| 78 | ADANI RENEWABLE ENERGY FORTY ONE LIMITED_PSS-3 | | 28.03 |
| 79 | ADANI RENEWABLE ENERGY FORTY ONE LIMITED_PSS13 | | 31.02 |
| 80 | ADANI RENEWABLE ENERGY FORTY ONE LIMITED_PSS4 | | 15.31 |
| 81 | ADANI RENEWABLE ENERGY HOLDING FOUR LIMITED_PSS-1 | | 254.02 |
| 82 | ADANI WIND ENERGY KUTCHH FOUR Ltd. Nakhatrana | | 58.16 |
| 83 | AMBUJA CEMENTS LIMITED_PSS3 | | 13.47 |
| 84 | AMBUJA CEMENTS LIMITED_PSS4_Hybrid Wind | | 33.23 |
| 85 | Adani Green Energy Twenty Five A Limited_PSS-2 | | 144.94 |
| 86 | Adani Green Energy Twenty Five B Limited_PSS-2 | | 168.66 |
| 87 | Adani Green Energy Twenty Four A Limited_PSS-3 | | 115.32 |
| 88 | Adani Green Energy Twenty Six B Limited_PSS-2 | | 48.59 |
| 89 | Adani Ports and Special Economic Zone Limited_PSS4_Wind | | 17.14 |
| 90 | Adani Power Limited - Raigarh TPP | | 11.21 |
| 91 | Adani Power Limited-Raipur TPP | | 24.78 |
| 92 | Adani Renewable Energy Fifty Six Limited_PSS10 | | 2.59 |
| 93 | Adani Renewable Energy Forty Eight Limited (Wind)_PSS-9 | | 17.96 |
| 94 | ArcelorMittal Nippon Steel India Private Limited | | 0.00 |
| 95 | BHARAT ALUMINIUM COMPANY LTD | | 26.27 |

| <p style="text-align: center;">18. पावर मार्केट की सूचना (स्रोत : आई.ई.एक्स. एवं पी.एक्स.आई.एल.)</p> <p style="text-align: center;">POWER MARKET INFORMATION (Source IEX & PXIL)</p> <p style="text-align: center;">पावर एक्सचेंज के माध्यम से विनियय - माह- अप्रैल 2025</p> <p style="text-align: center;">EXCHANGES THROUGH POWER EXCHANGES-APRIL 2025</p> | | | |
|--|--|--------------------|--|
| क्र. स. No. | शोब्राय इकाई Regional Entity | क्षेत्र Region | पावर एक्सचेंज के माध्यम से (मि.ग्र. मे) Through Power Exchange in MU |
| | | | (DAM+HP DAM+RTM) |
| 96 | BHARAT ALUMINIUM COMPANY LTD (Bulk Consumer) | पश्चिमी क्षेत्र WR | 0.00 |
| 97 | CONTINUUM POWER TRADING (TN) PRIVATE LIMITED | | 5.09 |
| 98 | Chhattisgarh | | 95.68 |
| 99 | D B Power Limited | | 15.89 |
| 100 | DGEN MEGA POWER PROJECT | | 31.05 |
| 101 | DHARIWAL STU OTH | | 0.31 |
| 102 | Daman and Diu - Dadra and Nagar Haveli | | 1.61 |
| 103 | Dhariwal ISTS | | 3.25 |
| 104 | GMR Warora Energy Limited | | 2.30 |
| 105 | Goa WR | | 29.26 |
| 106 | Gujarat | | 119.80 |
| 107 | Jaypee Nigrie Super Thermal Power Plant | | 52.03 |
| 108 | Jhabua Power Limited | | 3.61 |
| 109 | Jindal Power Limited, Stage-1 | | 46.85 |
| 110 | Jindal Power Limited, Stage-2 | | 78.08 |
| 111 | Jindal Steel & Power Ltd , DCPP | | 50.00 |
| 112 | KSK MAHANADI POWER COMPANY LIMITED | | 17.25 |
| 113 | Lanco AMARKANTAK POWER LIMITED | | 1.88 |
| 114 | MAHAN ENERGEN LIMITED U#1 | | 2.57 |
| 115 | MAHAN ENERGEN LIMITED U#2 | | 18.01 |
| 116 | MB POWER (MADHYA PRADESH) LIMITED | | 107.03 |
| 117 | Madhya Pradesh | | 166.94 |
| 118 | Maharashtra | | 94.81 |
| 119 | Maruti Clean Coal and Power Limited | | 13.10 |
| 120 | NREL-Dayapur Wind | | 11.56 |
| 121 | NTPC Gadarwara | | 15.94 |
| 122 | NTPC Jhanor Gandhar GPS | | 0.00 |
| 123 | NTPC Kawas GPS | | 0.00 |
| 124 | NTPC Korba Stage I &II | | 4.34 |
| 125 | NTPC Korba Stage III | | 1.17 |
| 126 | NTPC Lara Stage I | | 4.68 |
| 127 | NTPC Mouda Stage I | | 8.29 |
| 128 | NTPC Mouda Stage II | | 8.00 |
| 129 | NTPC SAIL POWER COMPANY LIMITED | | 0.29 |
| 130 | NTPC Sipat Stage I | | 7.52 |
| 131 | NTPC Sipat Stage II | | 3.12 |
| 132 | NTPC Solapur | | 19.89 |
| 133 | NTPC VindhyaChal Stage I | | 7.60 |
| 134 | NTPC VindhyaChal Stage II | | 5.27 |
| 135 | NTPC VindhyaChal Stage III | | 5.09 |
| 136 | NTPC VindhyaChal Stage IV | | 5.19 |
| 137 | NTPC VindhyaChal Stage V | | 2.93 |
| 138 | NTPC khargone | | 9.40 |
| 139 | Nani Virani Wind Energy Private Limited | | 0.34 |
| 140 | R.K.M POWERGEN PRIVATE LIMITED | | 39.68 |
| 141 | RENEW GREEN (MHS ONE) PRIVATE LIMITED_SOLAR_HYBRID | | 0.91 |
| 142 | Ratnagiri Gas & Power Private Limited | | 0.00 |
| 143 | Reliance Industries Limited Jamnagar | | 0.00 |
| 144 | SKS Power Generation Chhattisgarh Limited | | 22.72 |
| 145 | Sasan Power Limited | | 28.83 |
| 146 | TRN ENERGY PRIVATE LIMITED | | 29.42 |

18. पावर मार्केट की सूचना (स्रोत : आईएक्स & पीएक्स.आई.एल.)
 POWER MARKET INFORMATION (Source IEX & PXIL)

पावर एक्सचेंज के माध्यम से विनियय - माह- अप्रैल 2025
 EXCHANGES THROUGH POWER EXCHANGES-APRIL 2025

| क्र. स. No. | शेत्रीय इकाई Regional Entity | क्षेत्र Region | पावर एक्सचेंज के माध्यम से (मि.ग्र. मे) Through Power Exchange in MU | |
|-------------|--|----------------|---|---------|
| | | | (DAM+HP DAM+RTM) | |
| 147 | The Tata Power Co Ltd (MTPS) | | 12.74 | 0.00 |
| 148 | WIND FIVE RENERGY LIMITED | | 7.18 | 0.00 |
| 149 | AM GREEN ENERGY PRIVATE LIMITED Solar | | 3.70 | 0.00 |
| 150 | AM GREEN ENERGY PRIVATE LIMITED Wind | | 0.12 | 0.00 |
| 151 | Andhra Pradesh | | 72.53 | 380.10 |
| 152 | COASTAL ENERGEN PRIVATE LIMITED | | 14.15 | 0.00 |
| 153 | Goa SR | | 0.08 | 1.70 |
| 154 | IL&FS TAMIL NADU POWER COMPANY LIMITED | | 12.96 | 0.00 |
| 155 | JINDAL POWER LIMITED SIMHAPURI | | 13.20 | 9.29 |
| 156 | Karnataka | | 295.65 | 26.22 |
| 157 | Kerala | | 129.18 | 52.17 |
| 158 | Lanco Kondapalli Power Limited STG2 | | 1.94 | 0.00 |
| 159 | MEENAKSHI ENERGY LIMITED | | 1.37 | 18.17 |
| 160 | NLC INDIA LIMITED NEYVELI NEW THERMAL POWER STATION | | 14.15 | 0.00 |
| 161 | NLC INDIA LIMITED THERMAL POWER STATION I EXPANSION | | 4.08 | 0.00 |
| 162 | NLC INDIA LIMITED THERMAL POWER STATION II EXPANSION | | 0.02 | 0.00 |
| 163 | NLC INDIA LIMITED THERMAL POWER STATION II STAGE I | | 1.20 | 0.00 |
| 164 | NLC INDIA LIMITED THERMAL POWER STATION II STAGE II | | 1.08 | 0.00 |
| 165 | NLC Tamilnadu Power Limited | | 9.13 | 0.00 |
| 166 | NTECL VALLUR | | 8.35 | 0.00 |
| 167 | NTPC KUDGI | | 34.66 | 0.00 |
| 168 | NTPC Ramagundam Stage I &II | | 16.82 | 0.00 |
| 169 | NTPC Ramagundam Stage III | | 2.90 | 0.00 |
| 170 | NTPC Simhadri Stage I | | 4.10 | 0.00 |
| 171 | NTPC Simhadri Stage II | | 8.79 | 0.00 |
| 172 | NTPC Talcher Super Thermal Power Station Stage II | | 16.27 | 0.00 |
| 173 | NTPC Telangana | | 1.19 | 0.00 |
| 174 | OSTRO KANNADA POWER PRIVATE LIMITED | | 8.51 | 0.00 |
| 175 | Pondicherry UT | | 23.74 | 0.98 |
| 176 | RENEW SURYA ROSHNI PRIVATE LIMITED Koppal PS | | 0.27 | 0.00 |
| 177 | Ramagundam Floating solar | | 10.46 | 0.00 |
| 178 | ReNew Surya Roshni Private Limited_Gadag | | 1.23 | 0.00 |
| 179 | SEIL ENERGY INDIA LIMITED | | 196.50 | 0.00 |
| 180 | SEIL Energy India Limited Project II | | 3.44 | 0.00 |
| 181 | Serentica Renewables India 1 Private Limited | | 0.33 | 0.00 |
| 182 | Simhadri FSP 15 MW | | 2.19 | 0.00 |
| 183 | Tamil Nadu | | 491.05 | 370.80 |
| 184 | Telangana | | 46.55 | 1183.40 |
| 185 | ADHUNIK POWER & NATURAL RESOURCES LIMITED | | 2.98 | 0.00 |
| 186 | Bihar | | 603.30 | 51.01 |
| 187 | Chuzachen HEP | | 0.11 | 0.00 |
| 188 | Damodar Valley Corporation | | 55.99 | 197.79 |
| 189 | Dikchu Hydro Electric Project (Sneha Kinetic Power Projects Pvt. Ltd.) | | 11.08 | 0.00 |
| 190 | Druk Green Power Corporation Limited (DGPC-L-Bhutan) | | 0.00 | 118.25 |
| 191 | GMR KAMALANGA ENERGY LTD-CTU | | 2.01 | 0.00 |
| 192 | IND BARATH ENERGY UTKAL LIMITED | | 30.66 | 53.95 |
| 193 | JORETHANG LOOP HEP, DANS ENERGY PRIVATE LIMITED | | 0.07 | 0.00 |
| 194 | Jharkhand | | 83.80 | 42.03 |
| 195 | Jindal India Power Limited | | 31.69 | 0.00 |
| 196 | KALI GANDAKI NEPAL ELECTRICITY AUTHORITY | | 2.12 | 0.00 |
| 197 | KANTI BIJLEE UTPADAN NIGAM LIMITED | | 16.33 | 0.00 |

18. पावर मार्केट की सूचना (स्रोत : आई.ई.एक्स. एवं पी.एक्स.आई.एल.)
 POWER MARKET INFORMATION (Source IEX & PXIL)

पावर एक्सचेंज के माध्यम से विनियय - माह- अप्रैल 2025
 EXCHANGES THROUGH POWER EXCHANGES-APRIL 2025

| क्र. S. No. | शोनीय इकाई Regional Entity | क्षेत्र Region | पावर एक्सचेंज के माध्यम से (मि.ग्र. मे) Through Power Exchange in MU | |
|-------------|---|------------------------|---|--------|
| | | | (DAM+HP DAM+RTM) | |
| 198 | MAITHON POWER LIMITED | पूर्वी क्षेत्र ER | 5.27 | 0.00 |
| 199 | MARSYANDI NEPAL ELECTRICITY AUTHORITY | | 0.20 | 0.00 |
| 200 | NABINAGAR POWER GENERATING COMPANY LIMITED | | 20.02 | 0.00 |
| 201 | NEA - Bihar STU | | 0.00 | 61.11 |
| 202 | NEPAL ELECTRICITY AUTHORITY MUZAFFARPUR | | 0.00 | 195.99 |
| 203 | NTPC BARH Stage I | | 4.78 | 0.00 |
| 204 | NTPC BARH Stage II | | 13.22 | 0.00 |
| 205 | NTPC Darlipali | | 10.08 | 0.00 |
| 206 | NTPC Farakka stage I | | 38.45 | 0.00 |
| 207 | NTPC Farakka stage III | | 10.65 | 0.00 |
| 208 | NTPC Kahalgaon stage I | | 11.97 | 0.00 |
| 209 | NTPC Kahalgaon stage II | | 15.78 | 0.00 |
| 210 | NTPC North Karanpura STPS | | 10.18 | 0.00 |
| 211 | NTPC Talcher Stage I | | 6.63 | 0.00 |
| 212 | NTPP BRBCL | | 7.63 | 0.00 |
| 213 | Odisha | | 435.06 | 141.05 |
| 214 | Sikkim | | 1.27 | 10.66 |
| 215 | Tashiding HEP, Shiga Energy Private Limited | | 0.06 | 0.00 |
| 216 | West Bengal | | 198.32 | 748.10 |
| 217 | AGARTALA GAS BASED POWER STATION | पूर्वोत्तर क्षेत्र NER | 0.75 | 0.00 |
| 218 | ASSAM GAS BASED POWER STATION | | 1.08 | 0.00 |
| 219 | Arunachal Pradesh | | 4.37 | 19.15 |
| 220 | Assam | | 136.48 | 57.38 |
| 221 | Bongaigaon Thermal Power Station NTPC | | 2.44 | 0.00 |
| 222 | KAMENG HYDRO POWER STATION | | 8.60 | 0.00 |
| 223 | Manipur | | 1.92 | 12.35 |
| 224 | Meghalaya | | 5.31 | 56.57 |
| 225 | Mizoram | | 2.96 | 0.03 |
| 226 | Nagaland | | 2.15 | 12.45 |
| 227 | Palatana Plant | | 1.12 | 0.00 |
| 228 | Tripura | | 7.33 | 14.58 |
| | Total | | 9041 | 9041 |

**19. INFORMATION ABOUT RENEWABLE ENERGY
CERTIFICATE MECHANISM**

MONTH : APRIL 2025

RE Source & Unit wise break up (01.04.2025-30.04.2025)

| Sr.No | Source Wise | Accreditation | | Registration | |
|--------------|--------------------------|---------------|----------|---------------|----------|
| | | Capacity (MW) | Unit | Capacity (MW) | Unit |
| 1 | Wind | 0 | 0 | 0 | 0 |
| 2 | Urban or Municipal Waste | 0 | 0 | 0 | 0 |
| 3 | Solar Thermal | 0 | 0 | 0 | 0 |
| 4 | Solar PV | 343 | 2 | 1050 | 3 |
| 5 | Small Hydro | 0 | 0 | 14 | 1 |
| 6 | Others | 0 | 0 | 0 | 0 |
| 7 | Geothermal | 0 | 0 | 0 | 0 |
| 8 | Biomass | 0 | 0 | 0 | 0 |
| 9 | Bio-fuel cogeneration | 0 | 0 | 0 | 0 |
| Total | | 343 | 2 | 1064 | 4 |

RECs Issued (01.04.2025-30.04.2025)

| Sr.No. | Non Solar | Solar | Total |
|--------|-----------|-------|---------|
| 1 | 1968780 | 50928 | 2019708 |

Redemption of REC (01.04.2025-30.04.2025)

| Sr.No. | Non Solar | Solar | Total |
|--------|-----------|-------|--------|
| 1 | 627475 | 18872 | 646347 |

**19. INFORMATION ABOUT RENEWABLE ENERGY
CERTIFICATE MECHANISM**

MONTH : APRIL 2025

RE Source & Unit wise break up (Apr'25-Mar'26)

| Sr.No | Source Wise | Accreditation | | Registration | |
|-------|--------------------------|---------------|----------|---------------|----------|
| | | Capacity (MW) | Unit | Capacity (MW) | Unit |
| 1 | Wind | 0 | 0 | 0 | 0 |
| 2 | Urban or Municipal Waste | 0 | 0 | 0 | 0 |
| 3 | Solar Thermal | 0 | 0 | 0 | 0 |
| 4 | Solar PV | 343 | 2 | 1050 | 3 |
| 5 | Small Hydro | 0 | 0 | 14 | 1 |
| 6 | Others | 0 | 0 | 0 | 0 |
| 7 | Geothermal | 0 | 0 | 0 | 0 |
| 8 | Biomass | 0 | 0 | 0 | 0 |
| 9 | Bio-fuel cogeneration | 0 | 0 | 0 | 0 |
| | Total | 343 | 2 | 1064 | 4 |

RECs Issued (Apr'25-Mar'26)

| Sr.No. | Non Solar | Solar | Total |
|--------|-----------|-------|---------|
| 1 | 1968780 | 50928 | 2019708 |

Redemption of REC (Apr'25-Mar'26)

| Sr.No. | Non Solar | Solar | Total |
|--------|-----------|-------|--------|
| 1 | 627475 | 18872 | 646347 |

**19. INFORMATION ABOUT RENEWABLE ENERGY
CERTIFICATE MECHANISM**

MONTH : APRIL 2025

RE Source & Unit wise break up Since Inception to Apr'25

| Sr.No | Source Wise | Accreditation | | Registration | |
|-------|--------------------------|---------------|------|---------------|------|
| | | Capacity (MW) | Unit | Capacity (MW) | Unit |
| 1 | Wind | 3345 | 542 | 3147 | 531 |
| 2 | Urban or Municipal Waste | 12 | 1 | 12 | 1 |
| 3 | Solar Thermal | 0 | 0 | 0 | 0 |
| 4 | Solar PV | 5881 | 597 | 3762 | 503 |
| 5 | Small Hydro | 883 | 44 | 895 | 46 |
| 6 | Others | 4 | 2 | 3 | 1 |
| 7 | Geothermal | 0 | 0 | 0 | 0 |
| 8 | Biomass | 402 | 37 | 378 | 35 |
| 9 | Bio-fuel cogeneration | 823 | 91 | 383 | 55 |
| | Total | 11350 | 1314 | 8580 | 1172 |

RECs Issued since Inception to Apr'25

| Sr.No. | Non Solar | Solar | Total |
|--------|-----------|----------|-----------|
| 1 | 157912860 | 14799766 | 172712626 |

Redemption of REC since Inception to Apr'25

| Sr.No. | Non Solar | Solar | Total |
|--------|-----------|----------|-----------|
| 1 | 108647251 | 13025688 | 121672939 |

REC Closing balance as on 30.04.2025

| Sr.No. | Non Solar | Solar | Total |
|--------|-----------|---------|----------|
| 1 | 36428153 | 1221112 | 37649265 |

Details of Grid Events during the Month of April 2025 in Northern Region

| Sl No. | Category of Grid Event (GI for GI 2/ GD-1 to GD-5) | Affected Area | Time and Date of occurrence of Grid Event | Time and Date of Restoration | Duration (HH:MM) | Loss of generation / loss of load w.r.t Antecedent Generation/Load in the Regional Grid during the Grid Event | | Antecedent Generation/Load in the Regional Grid* | | Brief details of the event (pre fault and post fault system conditions) | Elements Tripped | | |
|--------|---|---------------|---|------------------------------|------------------|---|----------------|--|------------------|--|----------------------|---|--|
| | | | | | | Generation Loss(MW) | Load Loss (MW) | % Generation Loss (MW) | % Load Loss (MW) | Antecedent Generation (MW) | Antecedent Load (MW) | | |
| | | | | | | | | | | | | | |
| 1 | GD-1 | Rajasthan | 02-04-2025 14:45 | 02-04-2025 16:22 | 01:37 | 1060 | 0 | 1,976 | 0,000 | 53641 | 45158 | <p>i) Generation of 400/33 KV Ayana_RP3PL(ARP3PL(IP)) station evacuates through 400KV ARP1-RP3PL line at 765/400/220KV Bikaner(PG) pooling station and of 400/33KV SIVN Solar RE station through 400KV SIVN Solar-Bikaner2(PG) line at 400/220KV Bikaner2(PG) Pooling station .</p> <p>ii) During antecedent condition, ARP3PL and SIVN solar were generating ~298MW and ~198MW respectively.</p> <p>iii) At the same time, 400KV SIVN Solar-Bikaner2(PG) ckt also tripped from SIVN Solar end on operation of directional earth fault protection operation at SIVN Solar end. Value of both the losses, complete solar generation of ARP3PL and SIVN solar got affected due to low voltage activation.</p> <p>v) As per PMU data, R-N phase of earth fault was sensitive and same has been revised from 0.1pu to 0.2 pu (CT ratio=2000/3).</p> <p>vii) As per PMU phase voltage & current plot of 400KV Ayana(RP1PL)-Bikaner line (ARP1PL end), R-N phase to earth fault with no A/R operation is observed.</p> <p>viii) As per SCADA, drop in total NR solar generation of -1020MW is observed. RE plants i.e., ARP3PL (carrying ~298MW) and SIVN solar (carrying ~198MW) tripped during the event.</p> | <p>1) 400 KV AYANA1_SL_BKN_PG (ARP1PL)-ARP3PL_SL_BKN_PG Ayana_RP3PL Ckt</p> <p>2) 400KV SIVN Solar-Bikaner2(PG) ckt</p> |
| 2 | GI-2 | Rajasthan | 02-04-2025 17:26 | 02-04-2025 20:01 | 02:35 | 140 | 0 | 0.276 | 0,000 | 50787 | 49293 | <p>i) 400/220KV Jaisalmer(RS) has one and half breaker bus scheme at 400KV level and double main and transfer bus scheme at 220KV level.</p> <p>ii) During antecedent condition, 400 KV Jaisalmer(RS)-M/s Renew Hans urja pvt Ltd (RS) (RHULP) Ckt-1 was carrying approx. 140 MW (as per SCADA). It was tripped at 14:45 hrs due to overcurrent protection at 123.75KA which further led to LBB protection operation.</p> <p>iii) Due to LBB protection, all the elements connected to 400KV Bus-2 at Jaisalmer(RS) tripped and Bus-2 became dead.</p> <p>iv) 400 KV Jaisalmer(RS) has one and half breaker scheme at 400KV level, elements should not have tripped due to LBB protection operation. However, as reported, due to operation of all the tie CSL, all the 400KV elements connected to 400 KV Jaisalmer(RS)- Bus 2 tripped [LBB relay logic need to be reviewed].</p> <p>v) As per PMU at Fatehgarh3(PG), B-N phase to earth fault is observed with fault clearing time of 80 ms.</p> <p>vii) As per SCADA, solar generation loss of approx. 140 MW is observed in Rajasthan control area.</p> | <p>1) 125 MVAR Bus Reactor No 1 at 400 KV Jaisalmer(RS)</p> <p>2) 400 KV Kankani-Jaisalmer (RS) Ckt</p> <p>3) 400 KV Jaisalmer(RS)-M/s Renew Hans urja pvt Ltd (RS) (RHULP) Ckt</p> <p>4) 400/220 KV 500 MVA ICT 1 at jaisalmer(RS)</p> <p>5) 400/220 KV 500 MVA ICT 2 at jaisalmer(RS)</p> <p>6) 400/220 KV 500 MVA ICT 3 at jaisalmer(RS)</p> <p>7) 400KV Bus-2 at Jaisalmer(RS)</p> |
| 3 | GD-1 | Rajasthan | 06-04-2025 13:47 | 06-04-2025 22:40 | 08:53 | 130 | 0 | 0.253 | 0,000 | 51481 | 41494 | <p>i) Generation of 220 KV Azure34 (APTFI) (IP) station evacuates through 220 KV Bhadla(PG)-Azure Power 34 Solar(APTFI) (APTFI) Ckt. During antecedent condition, 220 KV Azure34 (APTFI) (IP) was generating approx. 130 MW (as per PMU).</p> <p>ii) As reported, at 13:47 hrs, 220 KV Bhadla(PG)-Azure Power 34 Solar(APTFI) (APTFI) Ckt tripped on B-N phase to earth fault (exact nature, location and reason of fault yet to be received).</p> <p>iii) As per DR at Bhadla(PG) end, 220 KV Bhadla(PG)-Azure Power 34 Solar(APTFI) (APTFI) Ckt tripped on Y-N phase to earth fault with fault current of 5.949KA; fault sensed in zone-2 at Bhadla(PG) end. Fault clearing time was ~100ms.</p> <p>iv) Due to tripping of 220 KV Bhadla(PG)-Azure Power 34 Solar(APTFI) (APTFI) Ckt, 220 KV Azure34 (APTFI) (IP) S/s lost its connectivity from grid and blackout occurred at 220 KV Azure34 (APTFI) (IP) S/s.</p> <p>v) As per PMU at 220KV Bhadla(PG), R-N phase to phase fault (voltage dipped upto 0.847 p.u.) is observed with fault clearing time of 120ms.</p> <p>vi) As per PMU, solar generation loss of approx. 130 MW was observed at 220 KV Azure34 (APTFI) (IP).</p> | <p>1) 220 KV Bhadla(PG)-Azure Power 34 Solar(APTFI) (APTFI) Ckt</p> |
| 4 | GD-1 | Rajasthan | 07-04-2025 10:02 | 07-04-2025 11:44 | 01:42 | 155 | 0 | 0.280 | 0,000 | 55428 | 53839 | <p>i) Generation of 220/33 KV Thar Surya1 (IP) station evacuates via 220 KV Bikaner(PG)-Thar Surya1(IP) Ckt through 220/33 KV 160 MVA ICT 1 & 2 at Thar Surya1_SL_BKN_PG (TS1PL) (IP) in normal condition, 220/33 KV 160 MVA ICT 2 at Thar Surya1_SL_BKN_PG (TS1PL) was already out (tripped at 14:27 hrs on 06.04.2025 due to pressure release valve operation). 220/33 KV Thar Surya1 (IP) was generating approx. 155 MW (as per PMU).</p> <p>ii) As reported, at 10:00 hrs, 220/33 KV 160 MVA ICT 1 at Thar Surya1_SL_BKN_PG (TS1PL) tripped due to heavy sparking on LV side bay 309 (exact nature, location and reason of fault yet to be received).</p> <p>iii) Due to tripping of 220/33 KV 160 MVA ICT 1 at Thar Surya1_SL_BKN_PG (TS1PL), 220 KV Thar Surya1 (IP) S/s lost its connectivity from grid and blackout occurred at 220 KV Thar Surya1 (IP) S/s.</p> <p>iv) As per PMU at 400KV Bikaner(IP), B-N phase to phase fault is observed with delayed fault clearing time of 240ms.</p> <p>v) As per PMU, solar generation loss of approx. 155 MW was observed at 220 KV Thar Surya1 (IP).</p> | <p>1) 220/33 KV 160 MVA ICT 1 at Thar Surya1_SL_BKN_PG (TS1PL)</p> |
| 5 | GD-1 | Punjab | 08-04-2025 22:20 | 08-04-2025 22:48 | 00:28 | 0 | 85 | 0,000 | 0.139 | 53868 | 60992 | <p>i) 220/66KV Mehalkalan(P5) has double main bus scheme at 220KV level.</p> <p>ii) As reported, at 22:20 hrs, R-phase CT of 220KV bus-coupler damaged which further led to bus bar protection operation at both the 220kV buses of Mehalkalan(P5).</p> <p>iii) Due to busbar operation, all the elements connected to 220KV Bus-1 & 2 at Mehalkalan(P5) tripped and complete blackout occurred at 220/66KV Mehalkalan(P5).</p> <p>v) As per PMU at Mogi(PG), R-N phase to earth fault is observed with fault clearing time of 80 ms.</p> <p>vii) As per SCADA, change in demand of approx. 85 MW is observed in Punjab control area.</p> | <p>1) 220 KV Mogi(PG)-Mehal kalan (P5) (PSTCL) Ckt-1</p> <p>2) 220 KV Mogi(PG)-Mehal kalan (P5) (PSTCL) Ckt-2</p> <p>3) 220 KV Pakhwali-Mehal kalan (P5) (PSTCL) Ckt-1</p> <p>4) 220 KV Pakhwali-Mehal kalan (P5) (PSTCL) Ckt-2</p> <p>5) 220/66 KV ICT 1 at Mehalkalan(P5)</p> <p>6) 220/66 KV ICT 2 at Mehalkalan(P5)</p> |
| 6 | GD-1 | Haryana | 09-04-2025 02:06 | 09-04-2025 03:36 | 01:30 | 0 | 85 | 0,000 | 0.153 | 48256 | 55656 | <p>i) 220/132KV Fatehabad(HV) has double main bus scheme at 220KV level.</p> <p>ii) As reported, at 22:20 hrs, R-phase CT of 220KV bus-coupler damaged which further led to bus bar protection operation at both the 220kV buses of Fatehabad(HV).</p> <p>iii) Due to busbar operation, all the elements connected to 220KV Bus-1 & 2 at Fatehabad(HV) tripped and complete blackout occurred at 220/132KV Fatehabad(HV).</p> <p>v) As per PMU at Fatehabad(HV), R-N phase to earth fault is observed with delayed fault clearing time of 480 ms.</p> <p>vii) As per SCADA, change in demand of approx. 85 MW is observed in Haryana control area.</p> | <p>1) 220 KV Fatehabad(PG)-Fatehabad(HV) (HVPNL) Ckt-1</p> <p>2) 220 KV Fatehabad(PG)-Fatehabad(HV) (HVPNL) Ckt-2</p> <p>3) 220 KV Hisar(PG)-Fatehabad(HV) (HVPNL) Ckt-1</p> <p>4) 220 KV Hisar(PG)-Fatehabad(HV) (HVPNL) Ckt-2</p> <p>5) 220 KV Ranis-Fatehabad(HV) (HVPNL) Ckt</p> <p>6) 220/132 KV 200 MVA ICT 1 at Fatehabad(HV)</p> <p>7) 220/132 KV 160 MVA ICT 2 at Fatehabad(HV)</p> <p>8) 220/132 KV 200 MVA ICT 3 at Fatehabad(HV)</p> |

Details of Grid Events during the Month of April 2025 in Northern Region

| Sl No. | Category of Grid Event (GI for GI 2/ GD-1 to GD-5) | Affected Area | Time and Date of occurrence of Grid Event | Time and Date of Restoration | Duration (HH:MM) | Loss of generation / loss of load due to a Antecedent Generation/Load in the Regional Grid during the Grid Event | | Antecedent Generation/Load in the Regional Grid* | | Brief details of the event (pre fault and post fault system conditions) | | | | Elements Tripped |
|--------|---|---------------|---|------------------------------|------------------|--|----------------|--|------------------|--|----------------------|--|--|------------------|
| | | | | | | Generation Loss(MW) | Load Loss (MW) | % Generation Loss (MW) | % Load Loss (MW) | Antecedent Generation (MW) | Antecedent Load (MW) | | | |
| | | | | | | | | | | | | | | |
| 7 | GD-1 | Uttarakhand | 09-04-2025 13:58 | 09-04-2025 15:05 | 01:07 | 32 | 0 | 0.054 | 0.000 | 59159 | 53172 | <p>i)During antecedent condition, only 33MW Unit-1 at Singoli Bhatwari HEP was generating approx. 32MW. Total generation of 32 MW of Singoli Bhatwari was evacuating through 220 KV Singoli Bhatwari (Singoli(LTUHP))-Srinagar(UK) (PTCUL) Ckt-1 & 2.</p> <p>ii)As reported, at 13:58 hrs, 220 KV Singoli Bhatwari (Singoli(LTUHP))-Srinagar(UK) (PTCUL) Ckt-1 tripped on R-Y-N double phase to ground fault with fault distance of 0.197km from Singoli Bhatwari end and 77km from Srinagar end. As per DR, fault current was $I_r=2.077kA$ and $I_y=1.79kA$ and fault distance was 63.1 (81.9 %) from Srinagar(UK) end; fault sensed in zone-2 and fault clearing time was ~60 ms.</p> <p>iii)During the same time, 220 KV Singoli Bhatwari (Singoli(LTUHP))-Srinagar(UK) (PTCUL) Ckt-2 also tripped on R-Y-N double phase to ground fault with fault distance of 24.9km from Singoli Bhatwari end and 77km from Srinagar end. As per DR, fault current was $I_r=1.075kA$ and $I_y=0.963kA$ and fault distance was 77.0 (100.0%) from Srinagar(UK) end; fault sensed in zone-3 and fault clearing time was ~110 ms.</p> <p>iv)Due to tripping of 220 KV Singoli Bhatwari (Singoli(LTUHP))-Srinagar(UK) (PTCUL) Ckt-1 & 2, 33MW Unit-1 at Singoli Bhatwari HEP tripped due to loss of evacuation path and blackout occurred at 220KV Singoli Bhatwari HEP.</p> <p>v)As per PMU at Muzaaffarnagar(UP), R-Y-N double phase to ground fault is observed with fault clearing time of 120 ms.</p> <p>vi)As per SCADA, generation loss of approx. 32MW at Singoli Bhatwari HEP is observed.</p> | <p>1) 220 KV Singoli Bhatwari (Singoli(LTUHP))-Srinagar(UK) (PTCUL) Ckt-1</p> <p>2) 220 KV Singoli Bhatwari (Singoli(LTUHP))-Srinagar(UK) (PTCUL) Ckt-2</p> <p>3) 33MW Unit-1 at Singoli Bhatwari HEP</p> | |
| 8 | GD-1 | imachal Prade | 10-04-2025 17:29 | 10-04-2025 20:04 | 02:35 | 26 | 0 | 0.054 | 0.000 | 48099 | 50692 | <p>i)During antecedent condition, 50MW Unit-1 & 2 at Sorang(Greenko) HEP was generating approx. 26MW.</p> <p>ii)As reported, at 17:29 hrs, 400 KV Kala Amb(PKTL)-Sorang(Greenko) (Greenko) Ckt tripped on earth fault (exact reason, location and nature of fault yet to be shared).</p> <p>iii)During the same time, 50MW Unit-1 & 2 at Sorang(Greenko) HEP tripped (exact nature of protection operation yet to be shared) and complete blackout occurred at 400KV Sorang(Greenko) HEP.</p> <p>iv)As per PMU at Abdullapur(PG), no fault is observed in the system, however fluctuation in voltage is observed.</p> <p>v)As per SCADA, generation loss of approx. 26MW at Sorang(Greenko) HEP is observed.</p> | <p>1) 400 KV Kala Amb(PKTL)-Sorang(Greenko) (Greenko) Ckt</p> <p>2) 50 MW Unit-1 at Sorang (Greenko)</p> <p>3) 50 MW Unit-2 at Sorang (Greenko)</p> | |
| 9 | GD-1 | Punjab | 11-04-2025 14:19 | 11-04-2025 18:02 | 03:43 | 0 | 180 | 0.000 | 0.380 | 55223 | 47335 | <p>i)During antecedent condition, 220KV Jamalpur(BB)-Dandharikalan(PG) (PSTCL) Ckt-1 and 2 were under planned shutdown.</p> <p>ii)As reported, at 14:19 hrs, 220 KV Dandharikalan(PG)-Ludhiana(PG) (PSTCL) Ckt-1 and 2 tripped on B-N phase to earth fault (exact nature, location and reason of fault yet to be shared).</p> <p>iii)Due to tripping of all the 220KV elements complete blackout occurred at 220/66KV Dandharikalan(PG).</p> <p>iv)As per PMU at Lohardaga(PG), no consecutive B-N phase to earth fault is observed with fault clearing time of 120ms and 560ms (delayed) respectively.</p> <p>v)As per SCADA, change in demand of approx. 180 MW is observed in Punjab control area.</p> | <p>1) 220 KV Dandharikalan(PG)-Ludhiana(PG) (PSTCL) Ckt-1</p> <p>2) 220 KV Dandharikalan(PG)-Ludhiana(PG) (PSTCL) Ckt-2</p> | |
| 10 | GD-1 | Rajasthan | 11-04-2025 10:48 | 11-04-2025 12:46 | 01:58 | 50 | 0 | 0.094 | 0.000 | 53307 | 50965 | <p>i)During antecedent condition, 220KV Renew Sun Bright(IP) was generating approx. 50 MW (as per SCADA). Total generation of 220KV Renew Sun Bright(IP) evacuates through 220 KV Renew Sun Bright SL_F_GARH_PG (RSBPL)-Fatehgarh_II(IP) (RENEW SUN BRIGHT (RSBPL)) Ckt.</p> <p>ii)As reported, at 10:48 hrs, 220 KV Renew SunBright SL_F_GARH_PG (RSBPL)-Fatehgarh_II(IP) (RENEW SUN BRIGHT (RSBPL)) Ckt tripped on B-N phase to earth fault (exact nature, location and reason of fault yet to be shared).</p> <p>iii)Due to tripping of 220 KV Renew Sun Bright SL_F_GARH_PG (RSBPL)-Fatehgarh_II(IP) (RENEW SUN BRIGHT (RSBPL)) Ckt, complete blackout occurred at 220KV Renew Sun Bright(IP).</p> <p>iv)As per PMU at Fatehgarh2(IP), B-N phase to earth fault with unsuccessful B/R is observed with fault clearing time of 120ms.</p> <p>v)As per SCADA, generation loss of approx. 50 MW is observed at Renew Sun Bright(IP).</p> | <p>1) 220 KV Renew SunBright SL_F_GARH_PG (RSBPL)-Fatehgarh_II(IP) (RENEW SUN BRIGHT (RSBPL)) Ckt</p> | |
| 11 | GI-1 | Uttar Pradesh | 13-04-2025 05:54 | 13-04-2025 07:43 | 01:49 | 320 | 0 | 0.796 | 0.000 | 40195 | 49692 | <p>i)During antecedent condition, 210 MW Unchahar II TPS - UNIT 1 and 210 MW Unchahar III TPS - UNIT 1 were generating approx. 185 MW and 135 MW respectively (as per SCADA).</p> <p>ii)As reported, at 05:54 hrs, line CB at Unchahar end of 220 KV Kanpur(PG)-Unchahar(NT) (PG) Ckt-1 failed and L8B protection operated. This led to tripping of 220KV Bus-3 at Unchahar TPS.</p> <p>iii)Due to L8B protection operation 220 MW Unchahar II TPS - UNIT 1 and 220 MW Unchahar III TPS - UNIT 1 also tripped.</p> <p>iv)During the same time, 220 KV Unchahar(NT)-Raebareilly(PG) (PG) Ckt-3 tripped on directional earth fault protection operation (exact reason yet to be shared).</p> <p>v)As per PMU at Kanpur(PG), B-N phase to earth fault is observed with delayed fault clearing time of 640ms.</p> <p>vi)As per SCADA, generation loss of approx. 185 MW at Unchahar-II TPS and approx. 135 MW at Unchahar-III TPS is observed.</p> | <p>1) 220 KV Kangra(NH)-Unchahar(NT) (PG) Ckt-2</p> <p>2) 220 KV Raebareilly(NT)-Unchahar(NT) (PG) Ckt-2</p> <p>3) 220 KV Unchahar(NT)-Raebareilly(PG) (PG) Ckt-3</p> <p>4) 220 KV 65 MV MVA S.3 at Unchahar(NT)</p> <p>5) 210 MW Unchahar II TPS - UNIT 1</p> <p>6) 210 MW Unchahar III TPS - UNIT 1</p> | |
| 12 | GD-1 | Uttar Pradesh | 16-04-2025 03:16 | 16-04-2025 04:37 | 01:21 | 150 | 0 | 0.341 | 0.000 | 44021 | 52826 | <p>i)During antecedent condition, 110 MW Unit 2 & 3 at Vishnuprayag(UP) were generating approx. ~90 MW & 70 MW respectively (as per SCADA).</p> <p>ii)As reported, at 03:16 hrs, 400 KV Muzaffarnagar(UP)-Vishnuprayag(UP) (UP) Ckt tripped on Y-B phase to phase fault with fault distance of 216.7km (76.44%) from Muzaffarnagar end and 51.35km (18.11%) from Vishnuprayag end. As per DR, fault current was $I_r=1.76kA$ and $I_b=-1.88kA$ from Muzaffarnagar end and fault sensed in zone-1 at Vishnuprayag.</p> <p>iii)With the tripping of 400 KV Muzaffarnagar(UP)-Vishnuprayag(UP) (UP) Ckt, 110 MW Unit-2 & 3 at Vishnuprayag(UP) also tripped due to loss evacuation path and complete blackout occurred at 400KV Vishnuprayag HEP(UP) S/.</p> <p>iv)As per PMU at Muzaffarnagar(UP), Y-B phase to phase fault is observed with fault clearing time of 120 ms.</p> <p>v)As per SCADA, generation loss of ~150MW occurred at Vishnuprayag HEP.</p> | <p>i) 400 KV Muzaffarnagar(UP)-Vishnuprayag(UP) (UP) Ckt</p> <p>ii) 110 MW Vishnuprayag HPS - UNIT 2</p> <p>iii) 110 MW Vishnuprayag HPS - UNIT 3</p> | |
| 13 | GD-1 | J&K | 16-04-2025 19:43 | 16-04-2025 21:40 | 01:57 | 455 | 0 | 0.851 | 0.000 | 53474 | 66415 | <p>i)220KV Salal(NH) has double main bus scheme at 220KV level. During antecedent condition, 115 MW Salal HPS - UNIT 1, 2, 4 and 6 were generating approx. ~116 MW, 115MW, 111 MW & 113 MW respectively (as per SCADA).</p> <p>ii)As reported, at 19:43 hrs, Y-ph Line CT conductor of 220 KV Salal(NH)-Jammu(PDD) (PG) Ckt-1 broke and the line tripped on R-Y phase to phase fault (exact nature, location and reason of same yet to be shared) and all the elements connected at Salal(NH) tripped and complete blackout occurred at 220KV Salal(NH) S/.</p> <p>iii)During the same time, busbar protect on operated at both the 220KV buses of Salal(NH) (exact reason of same yet to be shared) and all the elements connected at Salal(NH) tripped and complete blackout occurred at 220KV Salal(NH) S/.</p> <p>iv)As per PMU at Amarnath(HIDROL), R-Y phase to phase fault is observed with fault clearing time of 120 ms.</p> <p>v)As per SCADA, generation loss of approx. 455 MW is observed at Salal HEP.</p> | <p>i) 220 KV Salal(NH)-Jammu(PDD) (PG) Ckt-1</p> <p>ii) 220 KV Salal(NH)-Jammu(PDD) (PG) Ckt-2</p> <p>iii) 220 KV Kishenpur(PG)-Salal(NH) (PG) Ckt-1</p> <p>iv) 220 KV Kishenpur(PG)-Salal(NH) (PG) Ckt-2</p> <p>v) 220 KV Kishenpur(PG)-Salal(NH) (PG) Ckt-3</p> <p>vi) 220 KV Kishenpur(PG)-Salal(NH) (PG) Ckt-4</p> <p>vii) 115 MW Salal HPS - UNIT 1</p> <p>viii) 115 MW Salal HPS - UNIT 2</p> <p>ix) 115 MW Salal HPS - UNIT 4</p> <p>x) 115 MW Salal HPS - UNIT 6</p> | |

Details of Grid Events during the Month of April 2025 in Northern Region

| Sl No. | Category of Grid Event (GI for GI 2/ GD-I to GD-5) | Affected Area | Time and Date of occurrence of Grid Event | Time and Date of Restoration | Duration (HH:MM) | Loss of generation / loss of load during the Grid Event | | % Loss of generation / loss of load w.r.t Antecedent Generation/Load in the Regional Grid during the Grid Event | | Antecedent Generation/Load in the Regional Grid* | | Brief details of the event (pre fault and post fault system conditions) | Elements Tripped | |
|--------|---|-----------------|---|------------------------------|------------------|---|----------------|---|------------------|--|----------------------|---|--|--|
| | | | | | | Generation Loss(MW) | Load Loss (MW) | % Generation Loss (MW) | % Load Loss (MW) | Antecedent Generation (MW) | Antecedent Load (MW) | | | |
| | | | | | | | | | | | | | | |
| 14 | GI-1 | imachal Pradesh | 16-04-2025 21:18 | 16-04-2025 23:47 | 02:29 | 52 | 0 | 0.102 | 0.000 | 50950 | 64771 | <p>i)During antecedent condition, the following elements were connected to 220KV Bus 2 at Pong : 220 KV JESSORE(HP)-PONG(BB) (PG) CKT-1, 220 KV JALANDHAR-PONG (BB) (PG) CKT-2, 220 KV PONG(BB)-DASUYA(PS) (BBMB) CKT-2 and Unit 6. 66MW Unit-1, 5 & 6 at Pong HEP were generating approx. 52MW respectively (as per SCADA). 66MW Unit-2, 8, 4 at Pong HEP were not in service. ii)As reported, at 21:18 hrs, 220 KV Bus-bar protection operated at 220KV Bus-2 at Pong(BBMB) on account of severe thunderstorm. iii)Up to 220KV Bus-bar 2 operation at Pong, all the above-mentioned elements tripped and Bus-2 became dead (exact reason of Bus Bar protection needs to be shared) iv)As per PMU at Jalandhar(PG), R-N phase to earth fault was observed with fault clearing time of 120ms. v)As per SCADA, generation loss of approx. 52 MW at Pong (HEP) (BB) is observed.</p> | i)220 KV JESSORE(HP)-PONG(BB) (PG) CKT-1 ii)220 KV BUS 2 AT PONG(BB) iii)220 KV JALANDHAR-PONG (BB) CKT-2 iv)220 KV PONG(BB)-DASUYA(PS) (BBMB) CKT-1 v)66MW Unit-6 at Pong(BB) | |
| 15 | GD-1 | imachal Pradesh | 16-04-2025 21:28 | 16-04-2025 22:24 | 00:56 | 180 | 0 | 0.352 | 0.000 | 51097 | 64539 | <p>i)During antecedent condition, 220KV Jessore(HP)-Pong(BB) (PG) Ckt and 220KV Jessore(HP)-RSDPH Ckt were not in service. 60 MW Bairasul HPS - UNIT 1, 2 and 3 were generating 60 MW each (as per SCADA). ii)As reported, at 21:28 hrs, 220 KV Bairasul(NH)-Pong(BB) (PG) Ckt tripped on R-N phase to ground fault with fault distance of 79km from Bairasul end due to inclement weather conditions. iii)Up to tripping of 220 KV Bairasul(NH)-Pong(BB) (PG) Ckt and with 220KV Jessore(HP)-Pong(BB) (PG) Ckt and 220KV Jessore(HP)-RSDPH Ckt already not in service, 60 MW Bairasul HPS - UNIT 1, 2 and 3 tripped on over-speeding due to loss of evacuation path and complete blackout occurred at 220KV Bairasul(NH) S/s. iv)Further at 22:06 hrs, EBS of 220 KV Bairasul(NH)-Jessore(HP) (PG) Ckt were manually opened (no power flow). v)As per PMU at Pong(BB), two consecutive R-N phase to earth faults were observed with fault clearing time of 80ms and 400ms (delayed) respectively. vi)As per SCADA, generation loss of approx. 180 MW at Bairasul (HEP) (NH) is observed.</p> | i)220 KV Bairasul(NH)-Pong(BB) (PG) Ckt ii)60 MW Bairasul HPS - UNIT 1 iii)60 MW Bairasul HPS - UNIT 2 iv)60 MW Bairasul HPS - UNIT 3 | |
| 16 | GD-1 | Haryana | 17-04-2025 13:59 | 17-04-2025 15:13 | 01:14 | 0 | 815 | 0.000 | 1.524 | 60558 | 53466 | <p>i)400/220KV Gurgaon(PG) and 220/6/33KV Gurgaon sec72 has double main bus system in 220KV side. 220KV Sec72 Gurgaon(HR) has source from 400/220KV Gurgaon(PG) station through four 220KV feeders. 220KV Gurgaon Sec72 Gurgaon ckt-4 was under shutdown since 02.12.2024. ii)As reported, at 13:59 hrs, Y-B fault occurred on 220 KV Sec72 Gurgaon -Sec52 Gurgaon (HR) line at Sec72 Gurgaon(HR) end and got damaged (blast). iii)Up to PMU at Gurgaon(PG), B-N phase to earth fault converted into Y-B fault with delayed clearance of ~1800msc is observed. iv)As per PMU at Gurgaon(PG), B-N phase to earth fault converted into Y-B fault with delayed clearance of ~1800msc is observed. v)As per PMU at Gurgaon(PG), B-N phase to earth fault converted into Y-B fault with delayed clearance of ~1800msc is observed. vi)Up to tripping of all four 400/220KV ICTs (*7315 + *500MVVA) at Gurgaon(PG) on back up overcurrent protection operation. 220KV Gurgaon(PG)-Gurgaon72 ckt-3 also tripped from Gurgaon(PG) end on overcurrent protection. vii)Up to tripping of all four ICTs at Gurgaon(PG), supply to 220KV Sec72 Gurgaon(HR) got lost. viii)As per SCADA, change in demand of approx. -815MW in Haryana control area is observed. ix)400/220KV ICTs at Gurgaon(PG) restored back between 15:13 hrs- 15:50 hrs and supply to Sec72 Gurgaon(HR) restored.</p> | i)220 KV Sec 72 – Sec52 (HVPNL) ii)400/220KV 315 MVA ICT 1 at Gurgaon(PG) iii)400/220KV 315 MVA ICT 2 at Gurgaon(PG) iv)400/220KV 500 MVA ICT 3 at Gurgaon(PG) v)400/220KV 500 MVA ICT 4 at Gurgaon(PG) vi)220 KV Gurgaon(PG)-GurgaonSec72(HV(HVPNL)-3 | |
| 17 | GI-1 | Rajasthan | 18-04-2025 12:51 | 18-04-2025 20:25 | 07:34 | 865 | 0 | 1.441 | 0.000 | 60036 | 53768 | <p>i)400/220KV Alai(La) has one and half breaker scheme in 400KV level and double main and transfer bus scheme at 220KV level. ii)During antecedent condition, 220 Alai-Lala and 220 Alai-Suzion ckt were carrying 55MW and 18MW of load respectively. iii)As reported, at 12:51 hrs, 220KV Alai-Lala line tripped due to R phase fault. 2:1 distance protection operated and fault current was 25.9KA. Fault occurred due to damage of B-ph wavarap at Alai end. iv)Consequently, at the same time 220 Alai-Suzion ckt also tripped from Suzion end only. Further details are still awaited. v)During this event, a dip in Rajasthan wind generation of approx. 865 MW is observed. Appx. 550MW recovered completely within 10 minutes. (As per SCADA). As informed by SLDC Rajasthan, 213MW loss in Rajasthan wind generation occurred. vi)As per PMU, R-N phase to earth-fault was observed with fault clearance time of 120msec.</p> | i)220 Alai-Lala(RS) line ii)220 Alai-Suzion(RS) line | |
| 18 | GI-1 | Uttar Pradesh | 21-04-2025 14:06 | 21-04-2025 15:01 | 00:55 | 0 | 211 | 0.000 | 0.372 | 61201 | 56777 | <p>i)400/220/33KV Jaunpur(UP) has one and half breaker scheme in 400KV and double main and transfer scheme in 220KV. ii)During antecedent condition, 400/220 KV 315 MVA ICT 1 and 220/132 KV 315 MVA ICT-II JAUNPUR (UP) were carrying 173MW and 92MW of load respectively. 400/220 KV 315 MVA ICT 2 and ICT 3 were out of service. iii)As reported, at 14:06 hrs, 400/220 KV 315 MVA ICT 1 tripped due to B-N phase to earth fault. B phase IDMT protection operated. iv)Consequently, at the same time 220KV Bus 2 at Jaunpur, 220KV Bus Coupler, 220/132 KV 160 MVA ICT-II at Jaunpur (UP), also tripped (tripping details awaited). This led to the tripping of 332KV system in Jaunpur s/stn. v)During this event, change in demand of 211 MW was observed in SLDC UP control area as per SCADA. vi)As per PMU, B-N phase to earth-fault was observed and fault clearance time of upto 120msec observed.</p> | i)400/220 KV 315 MVA ICT 1 AT JAUNPUR (UP) ii)220/132 KV 160 MVA ICT-II at Jaunpur (UP) iii)220KV Bus Coupler iv)220KV Bus 2 at Jaunpur | |
| 19 | GI-2 | Uttar Pradesh | 23-04-2025 12:45 | 23-04-2025 17:01 | 04:16 | 387 | 0 | 0.653 | 0.000 | 59262 | 52773 | <p>i)765/400/132KV Ghatampur(UP) has one and half breaker scheme in 765KV, 400KV and double main bus scheme in 220KV. It comprises of 3 X 660MW of generation. ii)During antecedent condition, 660MW GHATAMPUR TPS - UNIT 1 was generating 387MW and Unit 2 and Unit 3 are yet to be commissioned. 765 KV RAMPUR_PRSTL - GHATAMPUR_TPS (UP) CXT-1 was carrying 387MW of load. iii)As reported, at 12:45 hrs, 765 KV RAMPUR_PRSTL - GHATAMPUR_TPS (UP) CXT-1 tripped due to R-N phase to earth fault. Z-1 distance protection operated and fault current was 25.9KA. iv)At the same time 660MW GHATAMPUR TPS - UNIT 1, kept feeding Y and B phases. As a result of current flow in the neutral phase, REF of GT1 at HV side operated. This led to tripping of Unit 1. v)Despite of A/R operation in 765 KV RAMPUR_PRSTL - GHATAMPUR_TPS (UP) CXT-1, the line tripped due fault sensed from Rampur end during reclaim time. As a result 765KV Bus 1 & 2 along with 765KV Bus Reactor, and 330MVAR Line Reactor of 765 KV RAMPUR_PRSTL - GHATAMPUR_TPS (UP) CXT-1 at Ghatampur tripped. vi)During this event, change in generation of 387 MW was observed in SLDC UP control area as per SCADA. vii)As per PMU, R-N phase to earth-fault was observed and fault clearance time of upto 120msec observed.</p> | i)765 KV RAMPUR_PRSTL -GHATAMPUR_TPS (UP) CXT-1 ii)765 KV Ghatampur_TPS(UP) - Bus 2 iii)765 KV Ghatampur_TPS(UP) - Bus 1 iv)330 MVAr Bus Reactor No 1 at 765 KV Ghatampur_TPS(UP) v)330MVAr Line Reactor of 765 KV RAMPUR_PRSTL - GHATAMPUR_TPS (UP) CXT-1 at Ghatampur vi)660MW GHATAMPUR TPS - UNIT 1 | |

| Details of Grid Events during the Month of April 2025 in Northern Region | | | | | | | | | | | | | | |
|--|---|---------------|---|------------------------------|------------------|--|----------------|--|------------------|--|----------------------|--|---|------------------|
| Sl No. | Category of Grid Event (GI for GI 2/ GD-1 to GD-5) | Affected Area | Time and Date of occurrence of Grid Event | Time and Date of Restoration | Duration (HH:MM) | Loss of generation / loss of load due to a Antecedent Generation/Load in the Regional Grid during the Grid Event | | Antecedent Generation/Load in the Regional Grid* | | Brief details of the event (pre fault and post fault system conditions) | | | | Elements Tripped |
| | | | | | | Generation Loss(MW) | Load Loss (MW) | % Generation Loss (MW) | % Load Loss (MW) | Antecedent Generation (MW) | Antecedent Load (MW) | | | |
| 20 | GI-2 | Uttar Pradesh | 24-04-2025 11:45 | 24-04-2025 16:55 | 05:10 | 380 | 0 | 0.633 | 0.000 | 5998 | 55495 | <p>i) 765/400/132KV Ghatampur(UP) has one and half breaker scheme in 765KV, 400KV and double main bus scheme in 220KV. It comprises of 3 X 660MW of generation. ii) During antecedent condition, 660MW GHATAMPUR_TPS - UNIT 1 was generating 387MW and Unit 2 and Unit 3 are yet to be commissioned. 765 KV RAMPUR_PRSTL - GHATAMPUR_TPS (UP) Ckt-1 was carrying 387MW of load. iii) As reported, at 12:45 hrs, 765 KV RAMPUR_PRSTL -GHATAMPUR_TPS (UP) Ckt-1 tripped due to R-N phase to earth fault. Z-1 distance protection operated and fault current was 1.37KA. iv) At the same time 660MW GHATAMPUR TPS - UNIT 1, kept feeding Y and B phases. as a result of current flow in the neutral phase, EF of GT1 at HV side operated. v) 765KV Bus # 2 & 2 along with 330MVAr Line Reactor of 765 KV RAMPUR_TPS (UP) Ckt-1 at Ghatampur tripped. vi) As per SCADA, generation loss of approx. 317 MW at Ghatampur TPS. However, Generation loss was 380MW as per UP SLDC. vii) As per PMU, R-N phase to earth-fault was observed and fault clearance time of upto 120msec observed.</p> | <p>i) 765 KV RAMPUR_PRSTL -GHATAMPUR_TPS (UP) Ckt-1 ii) 765 KV Ghatampur(UP) - Bus 2 iii) 765 KV Ghatampur_TPS (UP) Ckt-1 iv) 330MVAr Line Resistor of 765 KV RAMPUR_PRSTL -GHATAMPUR_TPS (UP) Ckt-1 at Ghatampur v) 660MW GHATAMPUR TPS - UNIT 1</p> | |
| 21 | GI-1 | Haryana | 25-04-2025 16:52 | 25-04-2025 18:26 | 01:34 | 0 | 109 | 0.000 | 0.182 | 59062 | 59932 | <p>i) 220KV Charkhi_Dadri(HR) has double main scheme in 220KV. ii) During antecedent condition, 220 KV BHIVANI-CHARKHI DADRI (BB) Ckt 1, 2, 3, 4, were carrying 50MW, 51MW, 52MW and 49MW respectively. iii) As reported at 16:49 hrs, 220 KV BALLABHGARH-CHARKHI DADRI (BB) Ckt-1 tripped due to R-N phase to earth fault. Z-2 distance protection operated and Fault Location – 220KV from Charkhi Dadri end. iv) At 16:52 hrs, 220 KV PANIPAT-CHARKHI DADRI (BB) Ckt-1 tripped due to R-N fault. Z-2 distance protection operated, the fault current is 1.72KA and fault location is 116KM from Panipat(BMBB) s/stn. v) At 16:55 hrs, 220 KV CHARKHI DADRI-SAMAYPUR (BB) Ckt-1 tripped due to R-N fault. Z-1 protection operated, fault current = 4.6KA and the fault distance was 116KM from Samaypur end. vi) At 16:55 hrs, 220 KV BHIVANI-CHARKHI DADRI (BB) Ckt-2, Ckt-2, Ckt-3 and Ckt-4 were hand tripped due to fire at Charkhi Dadri s/stn. Exact cause of fire in s/stns needs to be shared. vii) During this event, change in demand of 109 MW was observed in SLDC Haryana control area as per SCADA. viii) As per PMU, R-N phase to earth-fault was observed and delayed fault clearance time of upto 300msec observed.</p> | <p>i) 220 KV BHIVANI-CHARKHI DADRI (BB) Ckt-1 ii) 220 KV BHIVANI-CHARKHI DADRI (BB) Ckt-2 iii) 220 KV BHIVANI-CHARKHI DADRI (BB) Ckt-3 iv) 220 KV BHIVANI-CHARKHI DADRI (BB) Ckt-4 v) 220 KV CHARKHI DADRI-SAMAYPUR (BB) Ckt-1 vi) 220 KV BALLABHGARH-CHARKHI DADRI (BB) Ckt-1 vii) 220 KV PANIPAT-CHARKHI DADRI (BB) Ckt-1</p> | |
| 22 | GD-1 | Rajasthan | 26-04-2025 17:06 | 26-04-2025 20:30 | 03:24 | 0 | 116 | 0.000 | 0.199 | 57010 | 58250 | <p>i) 220/132KV Lalsote(RS) has double main bus scheme at both 220KV and 132KV voltage level. ii) During antecedent condition, 220 KV Lalsote(RS)-Dausa(RS) (PG) Ckt-1 and 220 KV Antal(NT)-Lalsote(RS) (PG) Ckt-1 were carrying 30MW and 49MW of load respectively. iii) As reported, at 17:06 hrs, 220 KV Lalsote(RS)-Dausa(RS) (PG) Ckt-1 tripped due to B-N phase to earth fault. Z-2 distance protection operated and fault current was 4.95KA. It is interesting to note that Z-2 protection for the same line operated after Z-2 distance protection operated. iv) Consequently, at the same time 220 KV Antal(NT)-Lalsote(RS) (PG) Ckt-1 also tripped due to B-N phase to earth fault only. The fault current observed was 6.84KA. v) Following these events due to loss of both transmission line in 220KV side, complete blackout of 220/132KV Lalsote s/stn occurred. vi) During this event, change in demand of 116 MW was observed in Rajasthan control area as per SCADA. vii) As per PMU, B-N phase to earth-fault was observed with unsuccessful A/R and delayed fault clearance time of upto 360msec observed.</p> | <p>i) 220 KV Lalsote(RS)-Dausa(RS) (PG) Ckt-1 ii) 220 KV Antal(NT)-Lalsote(RS) (PG) Ckt-1</p> | |
| 23 | GD-1 | Punjab | 28-04-2025 19:08 | 28-04-2025 22:16 | 03:08 | 0 | 368 | 0.000 | 0.568 | 55942 | 64737 | <p>i) 220KV Ropar has one and half breaker scheme while 220KV has double main and transfer bus scheme ii) As reported, at 19:08 hrs, 400KV Bus 2 tripped due to B-phase CVT damage. Following this 400/220 KV 500 MVA ICT 1 at ROPAR(PSTCL), 400/220 KV 500 MVA ICT 2 at ROPAR(PSTCL) and 404 MAIN BAY - 400 KV KOLDAM(NT)-ROPAR(PSTCL) (PKTCL) Ckt-1 (PSTCL) at 400 KV RO PAR(PSTCL) tripped. iii) As per DR of 400KV Ropar Bus-2 and 500MVA ICT-1 at Ropar, differential protection operated. However, the DR is not time synched iv) Following these events , 400/220 KV 500 MVA ICT 2 at ROPAR(PSTCL) also tripped. As a result both 400KV and 220KV systems tripped in Ropar sub-station and blackout occurred. v) During this event, Punjab SLDC reported a load loss of 368MW. vi) As per PMU, multiple B-N phase to earth-fault was observed and fault clearance time of upto 120msec observed.</p> | <p>i) 220 KV ROPAR(PSTCL) - BUS 2 ii) 220/220 KV 500 MVA ICT 1 at ROPAR(PSTCL) iii) 220/220 KV 500 MVA ICT 2 at ROPAR(PSTCL) iv) 404 MAIN BAY - 400 KV KOLDAM(NT)-ROPAR(PSTCL) (PKTCL) Ckt-1 (PSTCL) at 400 KV RO PAR(PSTCL)</p> | |
| 24 | GD-1 | Rajasthan | 28-04-2025 15:11 | 28-04-2025 17:34 | 02:23 | 263 | 0 | 0.417 | 0.000 | 63009 | 60970 | <p>i) Generation of GEPL(GrianPSS)(IP) station (which is summation of generation of AAPL(IP), GEPL(IP) and One volt(IP)) evacuates through 220 KV GrianPSS_BIK2(AMPLUS)-Bikaner_2 (PBTS2) (GRAN ENERGY PRIVATE LIMITED) Ckt which is further connected to 3 RE plants at 33KV level through 3 no.s of 220/33KV 100MVA ICTs. 220/33KV 100MVA Ict 1, 2 & 3 are connected to 3 RE plants (AAPL(IP), GEPL(IP) and One volt(IP)) respectively at 33KV level. During antecedent condition, 220 KV GEPL(GrianPSS)(IP) was generating total approx. 263 MW (as per PMU). ii) As reported, at 15:11 hrs, 220 KV GrianPSS_BIK2(AMPLUS)-Bikaner_2 (PBTS2) (GRAN ENERGY PRIVATE LIMITED) Ckt tripped on B-N phase to earth fault (exact nature, location and reason of fault yet to be received). iii) Due to tripping of 220 KV GrianPSS_BIK2(AMPLUS)-Bikaner_2 (PBTS2) (GRAN ENERGY PRIVATE LIMITED) Ckt, AAPL(IP), GEPL(IP) and One volt(IP) i.e., 220KV GEPL(GrianPSS)(IP) S/s lost its connectivity from grid and blackout occurred at 220KV GEPL(GrianPSS)(IP) S/s. iv) As per PMU at Bikaner2(PG), B-N phase to phase fault with unsuccessful A/R (voltage dipped upto 0.646 p.u.) is observed with fault clearing time of 80ms. v) As per PMU at GEPL(GrianPSS)(IP), solar generation loss of approx. 263 MW was observed at 220 KV GEPL(GrianPSS)(IP). vi) As per SCADA, change in total NR solar generation of approx. 284 MW was observed.</p> | <p>i) 220 KV GrianPSS_BIK2(AMPLUS)-Bikaner_2 (PBTS2) (GRAN ENERGY PRIVATE LIMITED) Ckt ii) 220/33 KV 100 MVA ICT 1 at GrianPSS_BIK2 (AMPLUS) iii) 220/33 KV 100 MVA ICT 2 at GrianPSS_BIK2 (AMPLUS) iv) 220/33 KV 100 MVA ICT 3 at GrianPSS_BIK2 (AMPLUS)</p> | |

| Details of Grid Events during the Month of April 2025 in Western Region | | | | | | | | | | | | | |  Grid-India | | |
|---|--|---------------|---|------------------------------|------------------|---|---------------|---|------------------|--|----------------------|---|--|--|--|--|
| Sl No. | Category of Grid Event (GI for GI 2/ GD-1 to GD-5) | Affected Area | Time and Date of occurrence of Grid Event | Time and Date of Restoration | Duration (HH:MM) | Loss of generation / loss of load during the Grid Event | | % Loss of generation / loss of load w.r.t Antecedent Generation/Load in the Regional Grid during the Grid Event | | Antecedent Generation/Load in the Regional Grid* | | Brief details of the event (pre fault and post fault system conditions) | | | | Elements Tripped |
| | | | | | | Generation Loss(MW) | Lod Loss (MW) | % Generation Loss (MW) | % Load Loss (MW) | Antecedent Generation (MW) | Antecedent Load (MW) | | | | | |
| 1 | GD-1 | WR | 02-04-2025 05:12 | 02-04-2025 10:15 | 05:03 | 0 | - | 0.00% | - | 70189 | 58942 | At 08:14 Hrs / 01-04-2024, 400kV/23kV ICT-3 at Khavda PSS-10 tripped on Differential protection due to Y phase to B phase short circuit occurred while Charging of Solar Block from 33kV side. At the same time, 400 KV Khavda PS-1- Khavda PSS-10 tripped due to Stage-2 overvoltage protection as reported by M/s Adani. Due to loss of evacuation path S/S become dark. No generation loss reported due to the event. | | | | 1. 400 KV Khavda PS-1- Khavda PSS-10 2. 400kV/33kV ICT-3 |
| 2 | GD-1 | WR | 03-04-2025 14:24 | 03-04-2025 18:11 | 03:47 | 367 | - | 0.47% | - | 77510 | 69898 | At 14:24 Hrs / 03-04-2025, 220 kV Bhuj-Gadhisa tripped due on Y-N fault only from Ghadhsia end and at the same time 220kV Bhuj Naranpar S/C tripped on Y-B phase fault. During patrolling no abnormality was found. Generation loss of 200 MW at Gadhisa and 167 MW at Naranpar occurred due to loss of evacuation path. | | | | 1. 220 kV Bhuj-Gadhisa S/C 2. 220kV Bhuj Naranpar S/C |
| 3 | GD-1 | WR | 03-04-2025 18:02 | 03-04-2025 21:12 | 03:10 | 0 | - | 0.00% | - | 74232 | 64309.63 | At 18:00 Hrs / 03-04-2025, 765kV Tamnar Bus-1 tripped along with 765kV/400kV ICT-1,2 and 3 on bus bar protection operation. Further at 18:02 hrs /03-04-2025, 765kV Tamnar Bus-2 along with 400kV JPL-Tamnar ckt-2, 3 and 4 tripped on Bus bar protection operation. The above resulted in high loading of approximately 1500 MW on 765/400 kV Tamnar ICT-4 and 960 MW on 400kV-JPL-Tamnar-4. To control this high loading, immediate generation backing down of 300 MW and 113 MW was carried out at JPL and TRN thermal power stations. Simultaneously HVDC Raigarh-Pugulur flow to Southern Region was reduced to 2000 MW. The event reportedly occurred due to flash over in 703, 706, 708 and 413 bays which were under outage due to suspected bay element failure. No generation loss reported due to the event. | | | | 1. 765kV Tamnar Bus-1 alongwith765kV/400kV ICT-1,2 and 3 2. 765kV Tamnar Bus-2 along with 400kV JPL-Tamnar ckt-2, 3 and 4 |
| 4 | GD-1 | WR | 07-04-2025 13:40 | 07-04-2025 14:35 | 00:55 | 352 | - | 0.45% | - | 77827 | 69749 | At 13:40 Hrs / 07-04-2025 400/220 kV Jagdalpur ICT-2 tripped on R phase Differential protection operation. Subsequently, 400/220 KV Jagdalpur ICT-1 got tripped on back up O/C protection operation which is suspected to be tripped due to inadvertent protection settings. The load of 220 kV Barsoor, 220 KV Nagarnar & 220 kV Narayanpur (220 kV Gurur-Narayanpur out under Power Regulation) were fed by 220 kV Gurur-Barsoor, 220 KV Gurur-Barsoor tripped due to Overload and resulted in load loss of 352 MW. As reported by SDDC Chattisgarh, 220 kV Jagdalpur, 220 kV Barsoor, 220kV Nagarnar & 220 kV Narayanpur S/Ss went into dark. | | | | 1. 400/220 KV Jagdalpur ICT 2 2. 400/220 KV Jagdalpur ICT 1 3. 220kV Gurur Barsoor 4. 220kV Jagdalpur Barsoor D/C 5. 220kV Jagdalpur Nagarnar D/C 6. 220kV Narayanpur Barsoor |
| 5 | GD-1 | WR | 10-04-2025 16:41 | 10-04-2025 17:46 | 01:05 | 152 | - | 0.18% | - | 85221 | 73376 | At 16:41 Hrs /10-04-2025 400 kV JP Bina - Bina (PG) and 400 kV JP Bina - Bina (MP) lines tripped on Bph-E fault. Prior to tripping, only JP Bina unit-2 was on bar. Due to loss of evacuation path, generation loss of 152 MW occurred. | | | | 1. 400 kV JP Bina - Bina PG 2. 400 kV JP Bina - Bina MP |
| 6 | GD-1 | WR | 19:13 / 11-04-2025 | 19:16 / 11-04-2025 | 00:03 | 704 | - | 0.88% | - | 79805 | 70285 | At 16:46 hrs / 11-04-2025 400kV Mahan-Bilaspur-1 tripped Yph-Bph fault. After taking attempt of test charging, at the same time 400kV Mahan-Bilaspur-2 tripped at 19:13 on Yph to earth fault. Due to loss of evacuation paths, generation loss of 704 MW occurred at Mahan Energen after both units got tripped. | | | | 1. 400 kV Mahan Energen-Bilaspur 1 2. 400 kV Mahan Energen-Bilaspur 2 3. 600 MW Mahan Energen Units 1&2 4. 400kV Mahan Energen bus-1 5. 400kV Mahan Energen bus-2 |
| 7 | GD-1 | WR | 13:48 / 12-04-2025 | 14:28 / 12-04-2025 | 00:40 | 0 | - | 0.00% | - | 75560 | 70534 | At 13:48 Hrs / 12-04-2025, 220kV Seoni(MP)-Seoni(PG)-1&2 tripped from MP end along with 220/132kV ICT-1, 3 due to LBB operation due to suspected fault in Ckt-1 not clearing in time. 220/132kV ICT-2 was under planned outage. 133kV Seoni [MP] substation remained charged by other 132kV circuits. No load loss reported. | | | | Tripping of following Elements: 1. 220 kV Bhuj-Gadhisa |
| 8 | GI-2 | WR | 10:43 / 12-04-2025 | 11:44 / 12-04-2025 | 01:01 | 0 | - | 0.00% | - | 77576 | 72998 | At 10:43 Hrs / 12-04-2025, Bus Bar protection operated at 400 kV Vav SS due to fault in 400kV-Vav-Navsari ckt, which led to tripping of 400 kV Vav-Jhanor line, 400 kV Vav-Navsari line, 400 kV Vav-Ukai line, 400 kV Vav-Kosamba and 400/220 kV ICT-2 & 3. 400 kV Vav Bus-1 and 400/220 kV ICT-1 were already under forced outage. Due to outage of Bus-2, 400kV Vav GIS became dead. No load loss occurred and 220kV side remained intact. | | | | 1. 400kV Vav GIS BUS-2 2. 400kV Vav-Gandhar line 3. 400kV Vav-Navsari line 4. 400kV Vav-Ukai line 5. 400 kV Vav-Kosamba 6. 400/220 kV Vav-ICT-2 7. 400/220 kV Vav-ICT-3 |
| 9 | GD-1 | WR | 16:10 / 13-04-2025 | 17:04 / 13-04-2025 | 00:54 | 15 | - | 0.02% | - | 77942 | 68348 | At 16:10 Hrs /13-04-2025, 220kV Shajapur Unit-8(Talettutayi) - Pachora ckt tripped on Rph-E fault. Generation loss of 15 MW occurred at 220kV Shajapur Unit-8(Talettutayi) due to loss of evacuation path. | | | | 1. 220 kV Shajapur Unit-8 (Talettutayi) - Pachora |
| 10 | GD-1 | WR | 14:32 / 14-04-2025 | 21:09 / 14-04-2025 | 06:37 | 45 | - | 0.06% | - | 81627 | 72919 | At 14:32 hrs /14-04-2025, 400 KV Khavda PSS-5- Khavda PS-1 single circuit tripped on Y-Phase 87L differential protection operation as due to heavy wind the OPGW cable displaced and touched the conductor. Generation loss of 87 MW occurred at 400 kV Khavda PSS-5 due to loss of evacuation path. | | | | 1. 400 KV Khavda PSS-5- Khavda PS-1 2. 400KV Khavda PSS5 Bus 1 3. 400kV Khavda PSS5 Bus 1 4. 400/33 KV Khavda PS-5 ICT-1 5. 400/33 KV Khavda PS-5 ICT-3 |

| Details of Grid Events during the Month of April 2025 in Western Region | | | | | | | | | | | | |  Grid-India | |
|---|--|---------------|---|------------------------------|------------------|---|---------------|---|--|--|------------------|---|--|---|
| Sl No. | Category of Grid Event (GI for GI 2/ GD-1 to GD-5) | Affected Area | Time and Date of occurrence of Grid Event | Time and Date of Restoration | Duration (HH:MM) | Loss of generation / loss of load during the Grid Event | | % Loss of generation / loss of load w.r.t Antecedent Generation/Load in the Regional Grid during the Grid Event | Antecedent Generation/Load in the Regional Grid* | Brief details of the event (pre fault and post fault system conditions) | | | | Elements Tripped |
| | | | | | | Generation Loss(MW) | Lod Loss (MW) | | | % Generation Loss (MW) | % Load Loss (MW) | Antecedent Generation (MW) | Antecedent Load (MW) | |
| 11 | GD-1 | WR | 18:52 / 15-04-2025 | 19:13 / 15-04-2025 | 00:21 | 227 | - | 0.28% | - | 81239 | 70047 | At 18:52 hrs /15-04-2025, During testing of Unit #1 generator(Unit was under forced outage), Busbar protection operated in 400 KV switchyard and all breakers of switchyard tripped at 400 KV JP Bina. Generation loss of 227 MW occurred at 400 KV JP Bina due to loss of evacuation path. | 1 400 KV JP Bina- Bina (PG) 2 400 KV JP Bina- Bina (MP) 3 Unit 2 (250 MW) | |
| 12 | GD-1 | WR | 07:41 / 18-04-2025 | 10:19 / 18-04-2025 | 02:38 | 50 - | | 0.06% - | | 79535 | 67270 | At 07:41Hrs / 18-04-2025, 220kV Khandwa-Bhawsinghpura(Masaya Solar) line tripped due to Bus Bar protection operation of 220kV Bus-2 at Bhawsinghpura. Generation loss of 50 MW occurred at 220 KV Bhawsinghpura and 220 KV Kanwani S/due to loss of evacuation path. | 1 220KV Khandwa-Bhawsinghpura ckt 2 220/33kV ICT at Bhawsinghpura 3 220kV Bhawsinghpura-Kanwani ckt 4 220/33kV ICT at Kanwani | |
| 13 | GD-1 | WR | 15:20 / 18-04-2024 | 16:23 / 18-04-2024 | 01:03 | 550 - | | 0.63% - | | 87829.84 | 76775.47 | At 15:20 hrs /18-04-2025, 400KV-ACBIL-Bilaspur & 400kV-MCCPL-Bilaspur lines tripped on B-E fault, Z-1 protection operation. Total generation loss of 550 MW due to loss of evacuation path. | 1. 400KV-ACBIL-Bilaspur 2. 400kV-MCCPL-Bilaspur | |
| 14 | GD-1 | WR | 21:49 / 23-04-2024 | 22:44 / 23-04-2024 | 00:55 - | | 40634.00% | - | 0.60% | | 83898 | 68162 | At 21:49 Hrs/23.04.2025, 220kV Bus-I at 400/220 KV Jejuri (MH) S/S tripped on bus bar protection operation due to fire on Y-PH CT of 220kV Kondhwa-Jejuri line. All connected Feeders and 400/220 KV ICT-1,3 connected to 220kV Main bus-I tripped. Load loss of 406.34 MW reported by MSLDC due to operation of LTS stage-I,II,III at Jejuri. | 1 400/220 KV Jejuri ICT-1 2 400/220 KV Jejuri ICT-3 3 220 KV Jejuri Bus-1 4 220 KV Jejuri Bus-Coupler 5 220 KV Jejuri-Lonand-1 6 220 KV Jejuri-Jejuri-1 7 220 KV Jejuri-Phursungi-1 8 220 KV Jejuri- Kondhwa |
| 15 | GD-1 | WR | 15:05 / 19-04-2024 | 01:52 / 20-04-2024 | 10:47 | 160 - | | 0.19% - | | 83351 | 76436 | At 15:05 Hrs/ 19-04-2025, 220 kV Baranda-Bhuj S/C tripped on R-E fault. Generation loss of around 160 MW occurred due to loss of evacuation path. | 220 KV Baranda-Bhuj S/C | |
| 16 | GD-1 | WR | 14:40 / 27-04-2024 | 18:57 / 27-04-2024 | 04:17 | 50 - | | 0.06% - | | 80208 | 71128 | At 14:40 Hrs, 220 kV Barsaita Desh- Rewa 1 & 2 tripped on differential protection on R phase fault. Stormy weather and lightening reported during the event. S/S got dead and generation loss of 50 MW was reported due to loss of evacuation path. | 220 KV Barsaita Desh Rewa ckt 1 220 KV Barsaita Desh Rewa ckt 2 220 KV Barsaita Desh Bus 1 220 KV Barsaita Desh Bus 2 220/33 KV Barsaita Desh ICT 1 220/33 KV Barsaita Desh ICT 2 220/33 KV Barsaita Desh ICT 3 | |
| 17 | GD-1 | WR | 01:00 / 28-04-2024 | 03:29 / 28-04-2024 | 02:29 | 600 - | | 0.75% - | | 80400 | 66580 | At 01:00 Hrs/ 28.04.2025, 400 KV RGPLL/S got dead due to Bus bar protection operation on 400 kV Bus-1 due to failure of R-phase CVT of GT 2A, 400 KV Bus-2 also got decoupled and generation loss of 600 MW was reported due to blackout. Also delayed clearance of fault (in 320 ms) was observed from PMU voltage plot. | 1 400 KV RGPLL GT-3A 2 400 KV RGPLL GT-3B 3 400 KV RGPLL ST-3X 4 400 KV RGPLL Koyna-1 5 400 KV RGPLL Phars-2 6 400 KV RGPLL Nagthane-1 7 400 KV RGPLL Nagthane-2 8 400 KV RGPLL SST-1 9 400 KV RGPLL SST-2 10 400KV RGPLL Bus-1 11 400KV RGPLL Bus-2 | |
| 18 | GD-1 | WR | 17:41 / 30-04-2024 | 19:25 / 30-04-2024 | 01:44 | 280 - | | 0.31% - | | 88989 | 70961 | At 17:41 Hrs/ 30-04-2025, 220 KV Pritamnagar- Indore tripped on B-E fault & resulted in blackout of 220 kV Pritamnagar substation due to loss of evacuation path. Generation loss of 280 MW occurred due to the event. | 220 KV Pritamnagar- Indore | |

| Details of Grid Events during the Month of April 2025 in Eastern Region | | | | | | | | | | | |  | |
|---|--|---------------|---|------------------------------|------------------|---|----------------|---|------------------|--|----------------------|---|---|
| SI No. | Category of Grid Event (GI 1 or GI 2 / GD-1 to GD-5) | Affected Area | Time and Date of occurrence of Grid Event | Time and Date of Restoration | Duration (HH:MM) | Loss of generation / loss of load during the Grid Event | | % Loss of generation / loss of load w.r.t Antecedent Generation/Load in the Regional Grid during the Grid Event | | Antecedent Generation/Load in the Regional Grid* | | Brief details of the event (pre fault and post fault system conditions) | Elements Tripped |
| | | | | | | Generation Loss(MW) | Load Loss (MW) | % Generation Loss (MW) | % Load Loss (MW) | Antecedent Generation (MW) | Antecedent Load (MW) | | |
| 1 | GD-I | PVUNL | 05.04.2025 14:45 | 05.04.2025 15:33 | 00:48 | 0 | 4 | 0.000 | 0.000 | 25441 | 23775 | At 14:45 Hrs on 05.04.2025, 400KV Tenughat-PVUNL tripped on phase to ground fault. At present PVUNL is drawing start up power radially through this line. As the line tripped, 400 KV PVUNL S/s became dead. Around 4 MW load loss occurred. 400KV-TENUGHAT-PVUNL-1 line charged successfully at 15:33 Hrs. | 400 KV Tenughat-PVUNL-1 |
| 2 | GD-I | FATUHA | 09.04.2025 16:20 | 09.04.2025 16:45 | 00:25 | 0 | 100 | 0.000 | 0.004 | 28677 | 26197 | At 16:05 Hrs 132 KV Fatuha-Katra tripped on B_N fault. While charging attempt of said line at 16:20 Hrs, line didn't hold and 132 KV Y-ph and B-ph CT at Fatuha GSS got burst and fire was observed in control cable of 220/132kV ICTs 1 & 2 and 220/132kV ICTs at Fatuha got tripped. Further all emanating lines from Fatuha were hand tripped for safety purpose. 220/132KV Fatuha S/s became dead. Total 100 MW load loss occurred in Fatuha and Katara areas. Power was restored at 16:45 Hrs from 220 KV Fatuha Sipara line. | 220 KV Fatuha Sipara 220 KV Patna Fatuha 220 KV Biharshariff Fatuha -1 220 KV Biharshariff Fatuha -2 220 KV Fatuha Bus 1 &2 220 / 132 KV ICT 1,2,3,4 & 5 at Fatuha |
| 3 | GD-I | PVUNL | 10.04.2025 15:45 | 10.04.2025 18:45 | 03:00 | 0 | 4 | 0.000 | 0.000 | 24088 | 21147 | At 15:45 Hrs on 10.04.2025, 400KV Tenughat-PVUNL tripped on phase to ground fault. At present PVUNL is drawing start up power radially through this line. As the line tripped, 400 KV PVUNL S/s became dead. Around 4 MW load loss occurred. 400KV-TENUGHAT-PVUNL-1 line charged successfully at 18:45 Hrs. | 400 KV Tenughat-PVUNL-1 |
| 4 | GD-I | HATIA | 15.04.2025 18:36 | 15.04.2025 19:25 | 00:50 | 0 | 150 | 0.000 | 0.006 | 32746 | 24100 | Prior to the disturbance 220KV Hatia-Ranchi #2 was under plan shutdown. At 18:36 Hrs R-Earth fault occurred in 220KV-Hatia-Lohardaga #2(220KV Hatia- Lohardaga D/C kept idle charged from Hatia end) which was sensed by Hatia in reverse zone-4 instead of forward zone-1 due to reverse polarity of CT at Hatia end. All emanating lines from Hatia tripped in Z-2 protection from remote end . 220KV Hatia S/s became dead and total 130 MW load loss occurred at Hatia. Power was extended at 19:25 Hrs through 220 KV Ranchi- Patratu New D/C. | 220 KV Hatia- Ranchi (PG) – II 220 KV Hatia- Ranchi (PG) – III 220 KV Hatia- Patratu – I 220 KV Hatia- Patratu – II 220 KV Hatia- Lohardaga – I 220 KV Hatia- Lohardaga – II 220 KV Hatia- Smart City s/c |

Details of Grid Events during the Month of April 2025 in Eastern Region

| SI No. | Category of Grid Event (GI 1 or GI 2 / GD-1 to GD-5) | Affected Area | Time and Date of occurrence of Grid Event | Time and Date of Restoration | Duration (HH:MM) | Loss of generation / loss of load during the Grid Event | | % Loss of generation / loss of load w.r.t Antecedent Generation/Load in the Regional Grid during the Grid Event | Antecedent Generation/Load in the Regional Grid | Brief details of the event (pre fault and post fault system conditions) | | | | Elements Tripped |
|--------|--|---------------|---|------------------------------|------------------|---|----------------|---|---|--|------------------|--|--|------------------|
| | | | | | | Generation Loss(MW) | Load Loss (MW) | | | % Generation Loss (MW) | % Load Loss (MW) | Antecedent Generation (MW) | Antecedent Load (MW) | |
| 5 | GD-I | BEGUSARAI | 20.04.2025 10:00 | 20.04.2025 10:30 | 00:30 | 220 | 170 | 0.010 | 0.007 | 22948 | 23066 | On 20/04/25 at 10:00 Hrs, due to bursting of 132 KV phase PT at Begusarai, a three phase Bus fault occurred at Begusarai 132 KV substation , While clearing the fault R phase CB of ICI got stuck leading to fault clearing in zone-3 by remote ends of 220 KV lines from Begusarai . At this time, Barauni 220 KV bus 2 along with unit 8 and Mokama ckt 2 and Hazipur ckt 2 also tripped on LBB operation .Above event led to load loss of 170 MW at Begusarai and generation loss of 220 MW at Barauni. | 220/132 KV 100 MVA ICT 1 at Begusarai 220/132 KV 100 MVA ICT 2 at Begusarai 220/132 KV 100 MVA ICT 3 at Begusarai 220 KV Begusarai-BTPS 1 220 KV Begusarai-Saharsa PG 2 220 KV Begusarai-BTPS 2 220 KV Begusarai-Samastipur 1 220 KV Bus 2 at Barauni 220 KV Barauni-Hajipur 2 220 KV Barauni-Mokama 2 Unit 8 at Barauni | |
| 6 | GD-I | BARAUNI | 20.04.2025 12:43 | 20.04.2025 13:30 | 00:47 | 199 | 257 | 0.009 | 0.010 | 21499 | 24663 | After disturbance at Begusarai at 10:00 Hrs on 20.04.2025, 220kV main bus 2 along with unit#8 and Mokama ckt#2 and Hazipur ckt#2 at Barauni was under outage and another bus with unit 9, Hazipur ckt 1 and Mokama ckt 1 were in service. At 12:43 hrs fault occurred in 220 KV Barauni Hazipur ckt 1,which led to island formation of Unit 9 with Mokama loads through Mokama ckt 1.Ultimately island collapsed due to load generation imbalance leading to 257 MW load loss and 199 MW generation loss. | 220 KV Barauni-Hajipur 1 220 KV Barauni-Mokama 1 Unit 9 at Barauni | |
| 7 | GD-I | BODHGAYA | 21.04.2025 19:42 | 21.04.2025 20:06 | 00:24 | 0 | 310 | 0.000 | 0.011 | 31730 | 28157 | Prior to the disturbance, 220KV Gaya – Bodhgaya D/C tripped at 19:30 Hrs from Bodhgaya end only on over current protection (As per SCADA 202 MW power flow in each circuit). At 19:42 Hrs 220 KV Khizersarai-Bodhgaya D/C tripped from Bodhgaya end due to snapping of R-phase conductor. 220KV Bodhgaya S/s became dead. Around 310 MW load loss occurred at Bodhgaya end. Power was extended through Gaya-Bodhgaya D/C at 20:06 Hrs. | 220KV Gaya – Bodhgaya D/C 220 KV Khizersarai-Bodhgaya D/C | |
| 8 | GD-I | CHATRA | 27.04.2025 19:08 | 27.04.2025 21:42 | 02:34 | 0 | 20 | 0.000 | 0.001 | 31693 | 25077 | 220kV Chatra S/s connected through S/c from Daltonunj & Latehar S/. At 19:08 Hrs, 220 kV Daltonunj- Chatra line tripped from Daltonanj end in Z-3 distance protection and simultaneously, 220 kV Latehar-Chatra line also tripped from Latehar end in Z-3 distance protection. 220kV Chatra S/s became dead. Total load loss of 20 MW occurred at Chatra. Power was extended through 220kV Daltonunj-Chatra at 21:42 Hrs. | 220kV Latehar-Chatra S/C 220kV Daltonunj-Chatra S/C | |
| 9 | GD-I | DIKCHU | 30.04.2025 20:34 | 30.04.2025 21:26 | 00:52 | 96 | 0 | 0.003 | 0.000 | 32746 | 24100 | At 20:34 Hrs, 400 kV Rangpo-Dikchu tripped on Y-Earth fault in Z-2 protection from Dikchu end only. Due to loss of evacuation path (Dikchu is connected radially through Rangpo), both units of Dikchu tripped. Total generation loss of 96 MW occurred at Dikchu. 400 kV Rangpo-Dikchu charged at 21:26 Hrs. Dikchu Unit#1 & 2 synchronized at 21:34 Hrs and 21:49 Hrs respectively. | 400 kV Rangpo-Dikchu Dikchu Unit-1 Dikchu Unit-2 | |

Details of Grid Events during the Month of April 2025 in Southern Region

| Sl No. | Category of Grid Event (GI for GI 2/ GD-1 to GD-5) | Affected Area | Time and Date of occurrence of Grid Event | Time and Date of Restoration | Duration (HH:MM) | Loss of generation / loss of load during the Grid Event | | % Loss of generation / loss of load w.r.t Antecedent Generation/Load in the Regional Grid during the Grid Event | | Antecedent Generation/Load in the Regional Grids | | Brief details of the event (pre fault and post fault system conditions) | Elements Tripped |
|--------|---|----------------|---|------------------------------|------------------|---|----------------|---|------------------|--|----------------------|--|---|
| | | | | | | Generation Loss(MW) | Load Loss (MW) | % Generation Loss (MW) | % Load Loss (MW) | Antecedent Generation (MW) | Antecedent Load (MW) | | |
| | | | | | | | | | | | | | |
| 1 | GD - 1 | TAMILNADU | 01-04-2025 11:59 | 01-04-2025 13:14 | 01:15 | 0 | 0 | 0.00% | 0.00% | 51963.02 | 65875.48 | Complete Outage of 400kV/110kV Udangudi SS: During antecedent conditions, 400kV Ottapidaram Udangudi line-1 was under shutdown. As per the reports submitted, while carrying out precommissioning testing on 400kV Udangudi Ottapidaram Line-1, 400kV Ottapidaram Udangudi line-1 line-2 got tripped at Ottapidaram end. Tripping of the only connected line led to complete outage of 400kV/110kV Udangudi SS. | 400KV OTTAPIDARAM-UDANGUDI-2 |
| 2 | GD - 1 | KARNATAKA | 04-04-2025 10:15 | 04-04-2025 10:39 | 00:24 | 0 | 174 | 0.00% | 0.31% | 45727.7 | 56661.41 | Complete Outage of 220kV/66kV Khodays SS and 220kV/66kV Subramanyapura SS of KPTCL: 220kV/66kV Khodays and 220kV/66kV Subramanyapura SS were being radially fed through 220kV Somanahally Khodays and 220kV Subramanyapura Penya. As per the reports submitted, the triggering incident was R-N fault in 220kV Somanahally Khodays line at a distance of 3km from Somanahally end at 10:16hrs due to jumper cut. At Somanahally end, zone-1 protection operated and the line tripped. At Khodays end, zone-2 protection operated and the line tripped with a delay of approx 320ms. The line tripped at both ends and A/R did not operate. At 12:46hrs, a YB-n fault was observed in 220kV Subramanyapura Penya line due to entry of tree branches into arc zone of the line. At Subramanyapura end, the fault was sensed in zone-1 and the line tripped. Tripping of both lines led to complete outage of 220kV/66kV Khodays and 220kV/66kV Subramanyapura SS of KPTCL. | 220KV-SOMANAHALLY-KHODAYS-1, 220KV-SUBRAMANYAPURA-PENYA-1 |
| 3 | GD - 1 | ANDHRA PRADESH | 04-04-2025 11:38 | 04-04-2025 13:13 | 01:35 | 122 | 0 | 0.26% | 0.00% | 47773.46 | 57639.75 | Complete Outage of 400/23 KV AMGEPL SOLAR: 400KV AMGEPL Solar is connected to 400KV GREENKO with only one 400kV line. In the antecedent condition 400/33kV ICT-2 at AMGEPL SOLAR was tripped on 04/04/2025 11:03 Hrs. During the charging of 400/33kV ICT-2 due to the suspected mishap of the transformer, 400KV AMGEPL Solar GREENKO line got tripped at GREENKO end due to DEF operation and DT was sent to remote end leading to tripping at AMGEPL Solar end also. Due to the tripping of the only connected line led to the complete outage of 400/33kV AMGEPL Solar. | 400KV-GREENKO_CPSS-AMGEPL_SOLAR-1 |
| 4 | GD - 1 | KARNATAKA | 08-04-2025 21:48 | 11-04-2025 02:11 | 52:23 | 58 | 0 | 0.13% | 0.00% | 44368.66 | 51752.34 | Complete Outage of 220kV Vena_Gadag: As per the reports submitted, the triggering incident was YB-N fault in the line. At both ends, zone-1 protection operated and the line tripped. Tripping of the only connected line led to complete outage of 220kV Vena Generating Station. | Vena_GadagPS - 220KV, 220KV-GADAG_PSS-Vena_GadagPS-1 |
| 5 | GD - 1 | TAMILNADU | 11-04-2025 23:38 | 11-04-2025 23:57 | 00:19 | 0 | 150 | 0.00% | 0.30% | 41877.29 | 49956.79 | Complete Outage of 230kV/110kV Veerapuram SS of TANTRANSCO: During antecedent conditions, 230kV Veerapuram, SS was being radially fed through 230kV Veerapuram Kalivandappattu line and 110kV Veerapuram SP Kolli line. As per the reports submitted, the triggering incident was R-phase jumper in 230kV Veerapuram Kalivandappattu line. At Veerapuram end, broken conductor alarm was observed. and DEF protection operated. Tripping of the 230kV Veerapuram Kalivandappattu line led to over loading and tripping of 110kV Veerapuram SP Kolli line on over load. Tripping of both lines led to complete outage of 230kV/110kV Veerapuram SS. | 230KV-KALVENDAPATTU-VEERAPURAM, VEERAPURAM - 230KV - Bus 2 |
| 6 | GD - 1 | ANDHRA PRADESH | 14-04-2025 16:24 | 15-04-2025 03:36 | 11:12 | 38 | 0 | 0.09% | 0.00% | 41352 | 55046.49 | Complete outage of AMGEPL SOLAR: As per the reports submitted, the triggering incident was B-N fault in the line . At both ends, the fault was sensed in differential protection. A/R operated but line tripped due to subsequent fault during A/R reclaim time. However, the DR of fault during reclaim time is not uploaded at both ends. Tripping of the only connected line led to complete outage of 220kV AMGEPL solar Station. | 400KV-GREENKO_CPSS-AMGEPL_SOLAR-1 |
| 7 | GD - 1 | KARNATAKA | 15-04-2025 14:42 | 15-04-2025 15:10 | 00:28 | 60 | 834 | 0.12% | 1.41% | 48044.39 | 59083.22 | Complete Outage 2220kV/66kV Kanabargi SS, 220kV/66kV Belagavi SS, 220kV/66kV Indal SS, 220kV/66kV Aques SS, 220kV/66kV Kanagala SS, 220kV/110kV Chikodi SS, 220kV/66kV Mugalkod SS, 220kV/66kV Ghataprabha SS, 220kV/66kV Kudachi SS, 220kV/66kV Athani SS of KPTCL: During antecedent conditions, 2220kV/66kV Kanabargi SS, 220kV/66kV Belagavi SS, 220kV/66kV Indal SS, 220kV/66kV Aques SS, 220kV/66kV Kanagala SS, 220kV/66kV Chikodi SS, 220kV/66kV Mugalkod SS, 220kV/66kV Ghataprabha SS, 220kV/66kV Kudachi SS, 220kV/66kV Athani SS are being radially fed from 220kV Narendra Kanabargi Line-1&2, 220kV Narendra Ghataprabha Line-1&2, 220kV Mahalingapura Kudachi, 220kV Mahalingapura Athani. The triggering incident was R-Y-N fault in 220kV Narendra Kanabargi Line-2. After this, 220kV Narendra Kanabargi Line-1, 220kV Narendra Ghataprabha Line-2, 220kV Mahalingapura Kudachi, 220kV Mahalingapura Athani tripped on over loading and 220kV Narendra Ghataprabha Line-1 tripped on R-N fault. Tripping of lines led to complete outage of 2220kV/66kV Kanabargi SS, 220kV/66kV Belagavi SS, 220kV/66kV Indal SS, 220kV/66kV Aques SS, 220kV/66kV Kanagala SS, 220kV/66kV Chikodi SS, 220kV/66kV Mugalkod SS, 220kV/66kV Ghataprabha SS, 220kV/66kV Kudachi SS, 220kV/66kV Athani SS. | 220KV-MAHALINGAPURA-KUDACHI-1, 220KV-ATHANI-MAHALINGAPURA-1, 220KV-KANABARGI-NARENDRA_KP-1, 220KV-KANABARGI-NARENDRA_KP-2, 220KV-NARENDRA-GHATPRABHA-1, 220KV-NARENDRA-GHATPRABHA-2 |

Details of Grid Events during the Month of April 2025 in Southern Region

| Sl No. | Category of Grid Event (GI for GI 2/ GD-1 to GD-5) | Affected Area | Time and Date of occurrence of Grid Event | Time and Date of Restoration | Duration (HH:MM) | Loss of generation / loss of load during the Grid Event | | % Loss of generation / loss of load w.r.t Antecedent Generation/Load in the Regional Grid during the Grid Event | Antecedent Generation/Load in the Regional Grids | Brief details of the event (pre fault and post fault system conditions) | | | | Elements Tripped |
|--------|---|---------------------------------------|---|------------------------------|------------------|---|----------------|---|--|--|----------------------|---|--|------------------|
| | | | | | | Generation Loss(MW) | Load Loss (MW) | | | Antecedent Generation (MW) | Antecedent Load (MW) | | | |
| | | | | | | | | | | | | | | |
| 8 | GD - 1 | KARNATAKA | 16-04-2025 13:35 | 16-04-2025 14:09 | 00:34 | 348 | 1094 | 0.73% | 1.95% | 47487.79 | 56001.01 | North Karnataka Grid Disturbance: The triggering incident is at 13:36:43.120 with the tripping of the 220kV Bagewadi-Nandihal-2 line due to a fault. This was followed by the manual tripping of the Bagewadi-Nandihal-1 line at 13:39:42.440. Shortly after, around 13:41, both circuits of the 220kV Gadag-Bagalkot line tripped due to faults. At 13:43:22.240, the 220kV Bagewadi-Lingsugur-1 and 2 lines also tripped on fault, resulting in overloading of multiple remaining lines. The situation worsened when the 220kV NTPC Kudgi-Vajramatti-2 line tripped due to a fault at 13:54:03.035. Around 13:55, the 220kV Narendra-Ghataprabha-1 line also tripped on fault, prompting the manual tripping of both 220kV Ghataprabha-Mugalikhod lines to control overloading. This action, however, further increased the load on the remaining 220kV NTPC Kudgi-Vajramatti-1 line. It is suspected that the final blow came with the tripping of 220kV Mahalingapur-Savadatti-1 and 2 and the remaining Kudgi-Vajramatti-1 line, which led to the collapse of the entire affected grid area. | 220KV-ALMATTI-BAGALKOT-1, 220KV-ALMATTI-BAGALKOT-2, 220KV-BAGALKOT-VAJRAMATTI-1, 220KV-BAGALKOT-VAJRAMATTI-2, 220KV-GADAG-BAGALKOT-1, 220KV-GADAG-BAGALKOT-2, 220KV-BAGALKOT - 220KV - Bus 1, 220KV - Bus 2, 220KV-GADAG-BAGALKOT-1, 220KV-GADAG-BAGALKOT-2, 220KV-GADAG-BAGALKOT-1, 220KV-GADAG-BAGALKOT-2, 220KV-BAGALKOT-VAJRAMATTI-1, 220KV-MAHALINGAPURA-VAJRAMATTI-1, VAJRAMATTI - 220KV | |
| 9 | GD - 1 | KARNATAKA | 20-04-2025 20:15 | 20-04-2025 23:21 | 03:06 | 0 | 0 | 0.00% | 0.00% | 44814.51 | 47553.58 | Complete Outage of 220kV Rychalu SS of KSPDCL: As per the reports submitted, the triggering incident was B-N fault in 220kV Pavagada Rychalu line and the line tripped. Tripping of the only connected line led to complete outage of 220kV Rychalu SS. | 220KV-PAVAGADA_PG-RYCHALU1, RYCHALU1 - 220KV, , 220KV-PAVAGADA_PG-RYCHALU1 | |
| 10 | GD - 1 | TAMILNADU | 20-04-2025 20:32 | 20-04-2025 20:34 | 00:02 | 0 | 320 | 0.00% | 0.67% | 44838.21 | 47589.02 | Complete Outage of 230kV/110kV Thiruvarur SS and 230kV/110kV Kumbakonam SS of TANTRANSCO: Triggering incident was R-ph jumper cut in the Bus section isolator resulting in 230kV Bus-2 fault at 230kV/110kV Thiruvarur SS. 230kV/110kV BPP operated at 230kV/110kV Thiruvarur SS. Due to single bus operation there was complete outage of 230kV/110kV Thiruvarur SS. Since 230kV Kumbakonam Kadangaludi line was under idle charged condition from Kadangaludi end during antecedent to limit overloading of NLC ICTs, 230kV/110kV Kumbakonam SS was radially fed by 230kV/110kV Thiruvarur SS and hence affected. | 230KV_PP_NALUR-THIRUVARUR-1, 230KV-THIRUVARUR-KUMBAKONAM-1, 230KV-THIRUVARUR-NAGAI_POWER-1, 230KV-THIRUVARUR-KARAMBAYAM-1 | |
| 11 | GD - 1 | TELANGANA , ANDHRA PRADESH, TELANGANA | 21-04-2025 01:32 | 21-04-2025 02:28 | 00:56 | 0 | 46 | 0.00% | 0.10% | 46029.75 | 45777.77 | Complete Outage of 220kV Chalakurthy Sws, 220kV Puliyanthanda LIS and 220kV Puttampandi LIS of TGTRANS CO: During antecedent conditions, 20kV Puliyanthanda LIS and 220kV Puttampandi LIS were being radially fed from 220kV Chalakurthy Sws. 220kV Chalakurthy is operating with single bus. As per the reports submitted, the triggering incident was R-phase CT failure of 220kV Chalakurthy -Puttampandi line. BPP of 220kV Chalakurthy bus operated and all lines connected to 220kV Chalakurthy bus tripped. Tripping of all lines led to complete outage of 220kV Chalakurthy Sws which inturn led to complete outage of 220kV Puliyanthanda LIS and 220kV Puttampandi LIS. | 220KV-CHALAKURTHY-KONDAMALLEPALLY-1, 220KV-CHALAKURTHY-KONDAMALLEPALLY-2, 220KV-CHALAKURTHY-PULIYATHANDA-1, 220KV-CHALAKURTHY-PUTTAMPANDI-1, 220KV-MIRYALAGUDA-CHALAKURTHY-1, 220KV-NAGARJUNASAGAR_AP-CHALAKURTHY-1, 220KV-NAGARJUNASAGAR_TS-CHALAKURTHY-1 | |
| 12 | GD - 1 | ANDHRA PRADESH | 21-04-2025 21:30 | 21-04-2025 22:23 | 00:53 | 0 | 0 | 0.00% | 0.00% | 48099.88 | 54522.29 | Complete Outage of 400 kV AMGEPL SOLAR: During the charging of 400/33kv ICT-2 at AMGEPL due to the suspected burnout of the transformer, 400kV AMGEPL Solar-GREENKO line got tripped at GREENKO end due to EF operation and DT was sent to remote end leading to tripping at AMGEPL Solar end also. Due to the tripping of the only connected line led to the complete outage of 400/33kv AMGEPL Solar. | 400KV-GREENKO_CPS-AMGEPL_SOLAR-1 | |
| 13 | GD - 1 | TAMILNADU | 22-04-2025 15:14 | 22-04-2025 18:50 | 03:36 | 396 | 0 | 0.80% | 0.00% | 49623.31 | 61647.58 | Complete Outage of 400kV CEPL Generating Station: During antecedent conditions, 400kV CEPL Tutticorin PS line-2 was under shutdown for maintenance. Triggering incident was BN fault in 400kV CEPL Tutticorin PS line-1 due to LA failure at CEPL end. Due to tripping of the only connected line, there was complete outage of 400kV CEPL generating station. | 400KV-CEPL-TUTICORIN_PS-1, 420KV/20KV CEPL-GT-1 | |
| 14 | GD - 1 | TAMILNADU | 23-04-2025 12:45 | 23-04-2025 13:20 | 00:35 | 0 | 180 | 0.00% | 0.30% | 51297.12 | 60791.87 | Complete Outage of 230kV Vinnamangalam and 230kV Tirupattur SS: 230kV Thirupattur and 230kV Vinnamangalam stations are connected via Hosur and Singarpet via 230kV Hosur-Thirupattur and 230kV Singarpet-Vinnamangalam. Initially, due to the R-N fault in 230kV Hosur-Thirupattur tripped. Later due to B-N fault 230kV Singarpet-Vinnamangalam led to the complete outage of 230kV Thirupattur and 230kV Vinnamangalam SS. | 230KV-HOSUR_PG-TIRUPATTUR-1, 230kV VINNAMANGALAM | SINGARPET |
| 15 | GD - 1 | TAMILNADU | 24-04-2025 07:40 | 24-04-2025 07:58 | 00:18 | 0 | 25 | 0.00% | 0.05% | 43525.3 | 54026.4 | Complete Outage of 230kV Tirupattur SS and 230kV Vinnamangalam SS: In the antecedent conditions, 220kV Singarpet - Vinnamangalam line was taken under shutdown. 230kV-HOSUR_PG-TIRUPATTUR-1 was the only line feeding 230kV Tirupattur and Vinnimangalam stations. 230kV-HOSUR_PG-TIRUPATTUR-1 line only tripped at Hosur end due to emergency trip plunger mechanical issue. The tripping of the line led to the Complete outage of 230kV Tirupattur and 230kV Vinnimangalam stations | 230KV-HOSUR_PG-TIRUPATTUR-1 | |

Details of Grid Events during the Month of April 2025 in Southern Region

| Sl No. | Category of Grid Event (GI for GI 2/ GD-1 to GD-5) | Affected Area | Time and Date of occurrence of Grid Event | Time and Date of Restoration | Duration (HH:MM) | Loss of generation / loss of load during the Grid Event | | % Loss of generation / loss of load w.r.t Antecedent Generation/Load in the Regional Grid during the Grid Event | | Antecedent Generation/Load in the Regional Grids | | Brief details of the event (pre fault and post fault system conditions) | Elements Tripped |
|--------|---|---------------------------|---|------------------------------|------------------|---|----------------|---|------------------|--|----------------------|--|--|
| | | | | | | Generation Loss(MW) | Load Loss (MW) | % Generation Loss (MW) | % Load Loss (MW) | Antecedent Generation (MW) | Antecedent Load (MW) | | |
| | | | | | | | | | | | | | |
| 16 | GD - 1 | KARNATAKA | 25-04-2025 21:29 | 25-04-2025 22:55 | 01:26 | 207 | 0 | 0.44% | 0.00% | 47261.48 | 55030.52 | Complete Outage of 220kV Veena_Gadag PS: Triggering incident was RN fault in 220KV-GADAG_PSS-Vena_GadagPS-1 Due to tripping of the only connected line, there was complete outage of 220kV Veena_GadagPS-1. | 220KV-GADAG_PSS-Vena_GadagPS-1 |
| 17 | GD - 1 | KARNATAKA | 26-04-2025 00:35 | 26-04-2025 02:51 | 02:16 | 0 | 0 | 0.00% | 0.00% | 47784.17 | 52401.15 | Complete Outage 220kV Hiriyur ZENATARIS_PSS: Triggering incident was fault in 220KV-HIRIYUR-Hiriyur ZENATARIS_PSS-1. Due to the tripping of only connected line, there was complete outage of 220kV Hiriyur ZENATARIS_PSS. | ZENATARIS_PSS - 220KV |
| 18 | GD - 1 | TAMILNADU | 26-04-2025 07:19 | 26-04-2025 08:08 | 00:49 | 0 | 0 | 0.00% | 0.00% | 41391.9 | 52567.1 | Complete Outage of 230kV Spring Pugalur Wind Station: During charging of 230kV/33kV PTR#3 at 230kV Spring Pugalur Wind Station, LBB operated resulting in the tripping of all the elements connected to 230kV Bus-1 and Bus-2 at 230kV/33kV Spring Pugalur Wind Station. | 230KV PUGALUR SPRNG_PUGALUR |
| 19 | GD - 1 | KARNATAKA | 27-04-2025 18:08 | 27-04-2025 19:25 | 01:17 | 26 | 12 | 0.07% | 0.03% | 35586.06 | 44749.53 | Complete Outage of 220kV/66kV/11kV Chitradurga SS: Due to LBB operation of 100MVA 220kV/66kV Chitradurga PTR#2, all the 220kV elements connected to Bus-1 and Bus-2 got tripped resulting in the complete outage of 220kV/66kV/11kV Chitradurga SS. | 220KV-Chitradurga-JAGALUR-1, 220KV-Chitradurga-JAGALUR-2, 220KV-Chitradurga-TALLAK-1, 220KV-GUTTUR-Chitradurga-1, 220KV-HIRIYUR-Chitradurga-1, Chitradurga - 220KV |
| 20 | GD - 1 | KARNATAKA | 27-04-2025 19:13 | 27-04-2025 22:12 | 02:59 | 170 | 0 | 0.43% | 0.00% | 39781.62 | 46578.1 | Complete Outage 220kV Hiriyur Ostro Wind Station: As per the reports submitted, the triggering incident was RY-N fault in 220kV Hiriyur Ostro Kannada line and the line tripped. Tripping of the only connected line led to complete outage of 220kV Hiriyur Ostro Wind Station. | 220KV HIRIYUR OSTRO_HIRIYUR |
| 21 | GI-2 | KARNATAKA | 03-04-2025 00:10 | 03-04-2025 10:13 | 10:03 | 0 | 0 | 0.00% | 0.00% | 43641.62 | 53734.43 | Tripping of 400kV Bus-2 of 400kV YTPS of KPCL: Triggering incident was BN fault in 400kV YTPS BPS line-1. At BPS end, fault was sensed in Zone-1. At YTPS end, the fault was sensed in Zone-2 and carrier was received. Due to non-opening of B-pole 411 CB of BPS line-1 which was connected to Bus-2, LBB operated resulting in the tripping of all the main breakers of Bus-2. This resulted in loss of power supply to 400kV Bus-2 of YTPS generating station. | 400KV-BPS-YTPS-1 |
| | GI-1 | TAMILNADU | 03-04-2025 23:09 | 03-04-2025 23:27 | 00:18 | 0 | 0 | 0.00% | 0.00% | 39688.29 | 48557.1 | Tripping of 220kV Bus-1 of 230kV Kinnimangalam SS: The triggering incident was B-N fault in 230kV TTPS Kinnimangalam line. At Kinnimangalam end, B-pole failed to open. Immediately, LBB operated and all elements connected to 230kV Bus-1 tripped. | 230KV-Chekkanurani-KINNIMANGLAM-1, 230KV-TTPS-KINNIMANGLAM-1, 230KV-PASUMALAI-KINNIMANGLAM-2 |
| | GI-2 | TAMILNADU, ANDHRA PRADESH | 13-04-2025 23:43 | 14-04-2025 03:57 | 04:14 | 0 | 0 | 0.00% | 0.00% | 41611.59 | 47561.98 | Tripping of 400kV Bus-1 of 400kV/220kV Thiruvalam_TN SS of TNEB: The triggering incident was B-phase LA failure in 400kV Chittoor Thiruvalam_PG Line-1. At the same time, 400kV Bus-1 BBP of 400/220kV Thiruvalam_TN operated and all main breakers connected to 400kV Bus-1 tripped at 400/220kV Thiruvalam_TN SS. | 400KV-THIRUVALAM-CHITTOOR-1 |
| | GI-2 | ANDHRA PRADESH | 15-04-2025 15:05 | 15-04-2025 21:02 | 05:57 | 0 | 0 | 0.00% | 0.00% | 46001.34 | 58281.79 | Tripping of 400kV Bus-1 of 400kV/220kV Maradam SS: Triggering incident was RN fault in 400kV Bus-1 at 400kV/220kV Maradam SS. 400kV Bus-1 BBP operated resulting in the tripping of all the main breakers. | - |
| | GI-2 | KARNATAKA | 22-04-2025 11:18 | 22-04-2025 15:06 | 03:48 | 0 | 0 | 0.00% | 0.00% | 50744.78 | 58817.15 | Tripping of 400kV Bus-1 of 400kV RTPS Generating station of Kpcl: The triggering incident was LBB maloperation in RTPS Unit-4 while charging the unit. This led to tripping of all main breakers connected to 400kV Bus-1 of RTPS Generating station. | - |

Details of Grid Events during the Month of April 2025 in North Eastern Region

| Sl No. | Category of Grid Event (GI for GI 2/ GD-1 to GD-5) | Affected Area | Time and date of occurrence of Grid Event | Time and Date of Restoration | Duration (H:MM) | Loss of generation / loss of load during the Grid Event | | % Loss of generation / loss of load w.r.t Antecedent Generation/Load in the Regional Grid during the Grid Event | | Antecedent Generation/Load in the Regional Grid* | | Brief details of the event (pre fault and post fault system conditions) | Elements Tripped |
|--------|---|--|---|------------------------------|-----------------|---|----------------|---|------------------|--|----------------------|---|---|
| | | | | | | Generation Loss(MW) | Load Loss (MW) | % Generation Loss (MW) | % Load Loss (MW) | Antecedent Generation (MW) | Antecedent Load (MW) | | |
| | | | | | | | | | | | | | |
| 1 | GD I | Umiam area of Meghalaya Power System | 01-04-2025 01:55 | 01-04-2025 03:11 | 01:16 | 0 | 13 | 0.00% | 0.64% | 1840 | 2039 | Umiam area of Meghalaya Power System were connected with rest of NER Grid through 132 kV NEHU - Umiam Line and 132 kV Umiam - Umiam St I Line. At 01:55 Hrs of 01-04-2025, 132 kV NEHU - Umiam Line and 132 kV Umiam - Umiam St I Line tripped. Due to tripping of these elements, Umiam area of Meghalaya Power System got isolated from NER Grid and collapsed due to no source available in this area. Power supply was extended to Umiam area of Meghalaya Power System by charging 132 kV NEHU - Umiam Line at 03:11 Hrs of 01-04-2025. | 132 kV NEHU - Umiam Line and 132 kV Umiam - Umiam St I Line |
| 2 | GD I | Rengpang area of Manipur Power System | 05-04-2025 21:12 | 07-04-2025 16:22 | 43:10 | 0 | 1 | 0.00% | 0.04% | 2634 | 2786 | Rengpang area of Manipur Power System was connected with rest of NER Grid through 132 kV Loktak-Rengpang line. Prior to the event, 132 kV Jiribam-Rengpang line was under long outage since 18:18 Hrs of 17.11.2023. At 21:12 Hrs of 05-04-2025, 132kV Loktak-Rengpang line tripped. Due to tripping of this element, Rengpang area of Manipur Power System was isolated from NER Grid and collapsed due to no source available in this area. Power supply was extended to Rengpang area of Manipur Power System by charging 132 kV Loktak-Rengpang line at 16:22 Hrs of 07-04-2025. | 132kV Loktak-Rengpang line |
| 3 | GD I | Tuirial HEP of NEEPCO & Kolasib and Bairabi areas of Mizoram power system | 07-04-2025 03:34 | 07-04-2025 05:52 | 02:18 | 0 | 1 | 0.00% | 0.06% | 1504 | 1555 | Kolasib and Bairabi areas of Mizoram & Tuirial HEP of NEEPCO were connected with rest of NER Grid through 132 kV Kolasib-Badarpur and 132 kV Kolasib - Aizawl lines. At 03:34 Hrs of 07-04-2025, 132 kV Aizawl-Kolasib and 132kV Badarpur-Kolasib lines tripped. Due to tripping of these elements, Kolasib, Tuirial and Bairabi areas of Mizoram Power system got isolated from NER grid and collapsed due to no source available in these areas. Power supply was extended to Kolasib area by charging 132 kV Badarpur-Kolasib line at 04:26 Hrs of 07-04-2025. Power was extended to Tuirial HEP at 05:33 Hrs by charging 132 kV Tuirial-Kolasib Line and to Bairabi area by charging 132 kV Kolasib-Bairabi Line at 05:52 Hrs of 07-04-2025. | 132 kV Aizawl-Kolasib and 132kV Badarpur-Kolasib lines |
| 4 | GD I | Ziro, Daporijo, Basar, Along, Pasighat, Napit, Nigluk, Roing, Tezu and Namsai areas of Arunachal Pradesh | 10-04-2025 12:38 | 10-04-2025 13:02 | 00:24 | 0 | 51 | 0.00% | 2.47% | 1281 | 2067 | Ziro, Daporijo, Basar, Along, Pasighat, Napit, Nigluk, Roing, Tezu and Namsai areas of Arunachal Pradesh Power System were radially connected with rest of NER Grid through 132 kV Panyor - Ziro Line. Prior to the event, 132 kV Roing-Chapakhwa D/C lines was opened to facilitate planned shutdown of 132 kV Rupa-Margherita Line. At 12:38 Hrs of 10-04-2025, 132 kV Panyor - Ziro Line tripped. Due to tripping of this line, Ziro, Daporijo, Basar, Along, Pasighat, Roing, Tezu and Namsai areas of Arunachal Pradesh Power System were isolated from NER Grid and collapsed due to no source available in these areas. Power supply was extended to Ziro and radially connected S/S of Arunachal Pradesh Power System by charging 132 kV Panyor - Ziro Line at 13:02 Hrs of 10-04-2025. | 132 kV Panyor - Ziro Line |
| 5 | GD I | Dharmanagar area of Tripura Power system | 10-04-2025 13:22 | 10-04-2025 13:47 | 00:25 | 0 | 19 | 0.00% | 0.98% | 1243 | 1947 | Dharmanagar area of Tripura Power System was connected with rest of NER Grid through 132 kV Dharmanagar-Dullavchhera line. Prior to the event, 132 kV PK Bari-Dharmanagar Line was under planned shutdown. At 13:22 Hrs of 10-04-2025, 132 kV Dharmanagar-Dullavchhera line tripped. Due to tripping of this element, Dharmanagar area of Tripura Power System was isolated from NER Grid and collapsed due to no source available in this area. Power supply was extended to Dharmanagar area of Tripura Power System by charging 132 kV Dharmanagar-Dullavchhera line at 13:47 Hrs of 10-04-2025. | 132 kV Dharmanagar-Dullavchhera line |

Details of Grid Events during the Month of April 2025 in North Eastern Region

| Sl No. | Category of Grid Event (GI for GI 2/ GD-1 to GD-5) | Affected Area | Time and Date of occurrence of Grid Event | Time and Date of Restoration | Duration (HHMM) | Loss of generation / loss of load during the Grid Event | | % Loss of generation / loss of load w.r.t Antecedent Generation/Load in the Regional Grid during the Grid Event | | Antecedent Generation/Load in the Regional Grid* | | Brief details of the event (pre fault and post fault system conditions) | Elements Tripped |
|--------|---|---|---|------------------------------|-----------------|---|--|---|------------------|--|----------------------|--|--|
| | | | | | | Generation Loss(MW) | Load Loss (MW) | % Generation Loss (MW) | % Load Loss (MW) | Antecedent Generation (MW) | Antecedent Load (MW) | | |
| 6 | GD I | 400/132 KV Kameng S/S, Khupi and Seppa areas of Arunachal Pradesh power system | 17-04-2025 00:01 | 17-04-2025 01:54 | 01:53 | 0 | 1 | 0.00% | 0.05% | 1954 | 1956 | 400/132 KV Kameng substation, Khupi and Seppa areas of Arunachal Pradesh Power System were connected with rest of NER Grid through 400 KV Balipara-Kameng D/C Lines & 132 KV Khupi-Tenga Line. Prior to the event, 400 KV Balipara-Kameng D/C Lines tripped at 23:55 hrs of 16-04-2025. At 00:01 Hrs of 17-04-2025, 132 KV Tenga-Khupi Line tripped. Due to tripping of this element, Khupi & Seppa areas of Arunachal Pradesh got isolated from NER grid and collapsed due to no source available in these areas. Power was extended to 400/132 KV Kameng ICT by charging 400 KV Balipara-Kameng I Line at 00:26 Hrs of 17-04-2025. Power was extended to Khupi & Seppa areas by charging 132 KV Kameng-Khupi Line at 01:33 Hrs and 132 KV Khupi-Seppa Line at 01:54 Hrs of 17-04-2025 respectively. | 132 KV Tenga-Khupi Line |
| 7 | GD I | Monarchak Generation of NEEPCO & Rabindranagar area of Tripura power system | 17-04-2025 12:49 | 17-04-2025 13:10 | 00:21 | 76 (57 MW-Monarchak & 19 MW-Rokhia) | 3 | 5.06% | 0.14% | 1502 | 2074 | Monarchak Generating station of NEEPCO and Rabindranagar area of Tripura Power System were connected with rest of NER Grid through and 132 KV Monarchak-Rokhia line. Prior to the event, 132 KV Monarchak-Udaipur line tripped at 12:47 Hrs of 17-04-2025. At 12:49 Hrs of 17-04-2025, 132 KV Monarchak-Rokhia line tripped. Due to tripping of this element, Monarchak Generating station and Rabindranagar area of Tripura Power System were isolated from NER Grid due to load generation mismatch in these areas. Power supply was extended to Monarchak Generating station and Rabindranagar of Tripura Power System by charging 132 KV Monarchak-Udaipur line at 13:10 Hrs of 17-04-2025. | 132 KV Monarchak-Rokhia line, Monarchak GTG, Monarchak STG & Rokhia Unit-7 |
| 8 | GD I | 132 KV Kameng S/S of NEEPCO & Khupi and Seppa areas of Arunachal Pradesh Power system | 17-04-2025 13:58 | 17-04-2025 17:59 | 04:01 | 0 | 1 | 0.00% | 0.05% | 1360 | 1981 | 132 KV Kameng S/S of NEEPCO and Khupi and Seppa areas of Arunachal Pradesh Power System were connected with rest of NER Grid through 400/132 KV ICT at Kameng. Prior to the event, 132 KV Tenga-Khupi Line tripped at 00:01 Hrs of 17-04-2025. At 13:58 Hrs of 17-04-2025, 400/132 KV ICT at Kameng and 132 KV Khupi-Seppa line tripped. Due to these trippings, 132 KV Kameng S/S, Khupi and Seppa areas of Arunachal Pradesh got isolated from NER grid and collapsed due to no source available in these areas. Power supply was extended to 132 KV Kameng S/S by charging 400/132 KV Kameng ICT at 14:45 Hrs of 17-04-2025 and to Khupi area of Arunachal Pradesh Power System by charging 132 KV Kameng-Khupi line at 15:57 hrs of 17-04-2025. Power extended to Seppa area by charging 132 KV Khupi-Seppa line at 17:59 Hrs of 17-04-2025. | 400/132 KV ICT at Kameng and 132 KV Khupi-Seppa |
| 9 | GD I | Zuangtui, Serchhip and Saitual areas of Mizoram power system | 17-04-2025 15:16 | 17-04-2025 16:36 | 01:20 | 0 | 33 MW (24 MW in Zuangtui & 9 MW in Serchhip) | 0.00% | 1.52% | 1421 | 2167 | Zuangtui, Serchhip and Saitual areas of Mizoram power system were connected with rest of NER grid through 132 KV Melriat(PG)-Zuangtui Line. Prior to the event, 132 KV Serchhip-Lunglei & 132 KV Sihmmui-Zuangtui Lines were kept open due to system requirement. At 15:16 Hrs of 17-04-2025, 132 KV Zuangtui-Serchhip Line tripped leading to grid disturbance in Serchhip area of Mizoram power system. At 15:23 Hrs of 17-04-2025, 132 KV Melriat(PG)-Zuangtui Line tripped leading to grid disturbance in Zuangtui & Saitual areas of Mizoram power system. Power supply was restored to Zuangtui S/S by charging 132 KV Melriat(PG) – Zuangtui line at 16:36 Hrs of 17-04-2025. Power supply was restored to Serchhip area by charging 132 KV Zuangtui-Serchhip line at 14:12 Hrs of 17-04-2025. | 132 KV Zuangtui-Serchhip Line & 132 KV Melriat(PG)-Zuangtui Line |
| 10 | GD I | Pasighat, Napit & Niglok areas of Arunachal Pradesh | 22-04-2025 00:37 | 22-04-2025 01:56 | 01:19 | 0 | 22 | 0.00% | 1.06% | 2041 | 2075 | Pasighat and radially connected Napit & Niglok areas of Arunachal Pradesh Power System were connected with rest of NER Grid through 132 KV Along-Pasighat & 132 KV Roing - Pasighat lines. At 00:37 Hrs of 22-04-2025, 132 KV Along-Pasighat & 132 KV Roing - Pasighat lines tripped. Due to tripping of these elements, Pasighat and radially connected Napit & Niglok areas of Arunachal Pradesh Power System got isolated from NER Grid and collapsed due to no source available in these areas. Power supply was extended to Pasighat area and radially connected Napit & Niglok by charging 132 KV Roing - Pasighat line at 01:56 Hrs of 22-04-2025. | 132 KV Along-Pasighat & 132 KV Roing - Pasighat lines |
| 11 | GD I | Pasighat, Napit, Niglok areas of Arunachal Pradesh | 22-04-2025 08:02 | 22-04-2025 08:49 | 00:47 | 0 | 5 | 0.00% | 0.24% | 1808 | 2056 | Pasighat and radially connected Napit & Niglok areas of Arunachal Pradesh Power System were connected with rest of NER Grid through 132 KV Roing - Pasighat lines. Prior to the event, 132 KV Along-Pasighat line tripped at 00:37 Hrs of 22-04-2025. At 08:02 Hrs of 22-04-2025, 132 KV Roing - Pasighat line tripped. Due to tripping of these elements, Pasighat and radially connected Napit & Niglok areas of Arunachal Pradesh Power System got isolated from NER Grid and collapsed due to no source available in these areas. Power supply was extended to Pasighat area and radially connected Napit & Niglok by charging 132 KV Along -Pasighat line at 08:49 Hrs of 22-04-2025. | 132 KV Roing - Pasighat line |

Details of Grid Events during the Month of April 2025 in North Eastern Region

| Sl No. | Category of Grid Event (GI for GI 2/ GD-1 to GD-5) | Affected Area | Time and Date of occurrence of Grid Event | Time and Date of Restoration | Duration (H:MM) | Loss of generation / loss of load during the Grid Event | | % Loss of generation / loss of load w.r.t Antecedent Generation/Load in the Regional Grid during the Grid Event | | Antecedent Generation/Load in the Regional Grid* | | Brief details of the event (pre fault and post fault system conditions) | Elements Tripped |
|--------|---|---|---|------------------------------|-----------------|---|----------------|---|------------------|--|----------------------|--|--|
| | | | | | | Generation Loss(MW) | Load Loss (MW) | % Generation Loss (MW) | % Load Loss (MW) | Antecedent Generation (MW) | Antecedent Load (MW) | | |
| 12 | GD I | Kohima area of Nagaland power system | 23-04-2025 16:23 | 23-04-2025 16:38 | 00:15 | 0 | 15 | 0.00% | 0.69% | 1982 | 2172 | Kohima area of Nagaland power system was connected with rest of NER grid through 132 kV Kohima-Zadhma Line. Prior to the event, 132 kV Kohima-Karong & 132 kV Dimapur(PG)-Kohima were already under outage from 11:45 Hrs & 16:06 Hrs of 23-04-2024 respectively. Also, 132 kV Meluri-Kohima line is under prolonged shutdown. At 16:23 Hrs of 23-04-2025, 132 KV Kohima-Zadhma Line tripped. Due to tripping of this element, Kohima area of Nagaland power system got isolated from NER grid and collapsed due to no source available in these areas. Power supply was extended to Kohima area by charging 132 KV Kohima – Dimapur line at 16:38 Hrs of 23-04-2025. | 132 KV Kohima-Zadhma Line |
| 13 | GD I | 132 KV Kameng S/S of NEEPCO & Tenga, Khupi and Dikshia areas of Arunachal Pradesh | 24-04-2025 18:15 | 24-04-2025 19:36 | 01:21 | 0 | 13 | 0.00% | 0.42% | 3115 | 3071 | 132 KV Kameng S/S of NEEPCO & Tenga, Khupi and Dikshia areas of Arunachal Pradesh Power System were connected with rest of NER Grid through 400/132 KV ICT at Kameng & 132 KV Balipara-Tenga Line. Prior to the event, 132 KV Khupi-Seppa line was under outage. At 18:15 Hrs of 24-04-2025, 400/132 KV ICT at Kameng, 132 KV Balipara-Tenga line and 132 KV Tenga-Khupi line tripped. Due to these trippings, 132 KV Kameng S/S, Tenga, Khupi and Dikshia areas of Arunachal Pradesh got isolated from NER grid and collapsed due to no source available in these areas. Power supply was restored at Khupi, Dikshia & Tenga areas of Arunachal Pradesh Power System by charging 132 KV Balipara-Tenga line and 132 KV Kameng-Khupi line at 19:27 Hrs and 19:36 Hrs of 24-04-2025 respectively. 400/132 KV Kameng ICT charged at 18:30 Hrs of 24-04-2025. | 400/132 KV ICT at Kameng, 132 KV Balipara-Tenga line and 132 KV Tenga-Khupi line |
| 14 | GD I | Seppa area of Arunachal Pradesh Power System | 24-04-2025 15:47 | 24-04-2025 20:10 | 04:23 | 0 | 2 | 0.00% | 0.08% | 1939 | 2422 | Seppa area of Arunachal Pradesh Power System was connected with rest of NER Grid through 132 KV Khupi-Seppa line. At 15:47 Hrs of 24-04-2025, 132 KV Khupi-Seppa Line tripped. Due to tripping of this element, Seppa area of Arunachal Pradesh Power System got isolated from NER Grid and collapsed due to no source available in this area. Power was extended to Seppa area by charging 132 KV Khupi-Seppa Line at 20:10 Hrs of 24-04-2025. | 132 KV Khupi-Seppa Line |
| 15 | GD I | Tezu and Namsai areas of Arunachal Pradesh power system | 25-04-2025 16:11 | 26-04-2025 00:10 | 07:59 | 0 | 9 | 0.00% | 0.36% | 1601 | 2476 | Tezu and Namsai areas of Arunachal Pradesh Power System were connected with rest of NER Grid through 132 KV Roing – Tezu line. At 16:11 Hrs of 25-04-2025, 132 KV Roing – Tezu line tripped. Due to tripping of this element, Tezu and Namsai areas of Arunachal Pradesh Power System got isolated from NER Grid and collapsed due to no source available in these areas. Power was extended to Tezu and Namsai areas by charging 132 KV Roing-Tezu line at 00:10 Hrs of 26-04-2025. | 132 KV Roing – Tezu line |
| 16 | GD I | Leshka HEP of Meghalaya power system | 27-04-2025 02:43 | 27-04-2025 03:31 | 00:48 | 119 | 0 | 7.26% | 0.00% | 1640 | 1532 | Leshka HEP of Meghalaya power system was connected to rest of NER grid through 132 kV Leshka-Mynkre I&II Lines. At 02:43 Hrs of 27-04-2025, 132 KV Leshka-Mynkre I & II Lines tripped. Due to tripping of these elements, Leshka HEP of Meghalaya got isolated from NER grid and collapsed due to no source available in these areas. Power was extended to Leshka HEP by charging 132 KV Leshka-Mynkre Line-I & II at 03:31 Hrs and 03:33 Hrs of 27-04-2025 respectively. | 132 KV Leshka-Mynkre I & II Lines, Leshka Unit-1,2 & 3 |
| 17 | GD I | Leshka HEP of Meghalaya power system | 28-04-2025 07:04 | 28-04-2025 07:48 | 00:44 | 0 | 0 | 0.00% | 0.00% | 1755 | 1888 | Leshka HEP of Meghalaya power system was connected to rest of NER grid through 132 KV Leshka-Mynkre I&II Lines. At 07:04 Hrs of 28-04-2025, 132 KV Leshka-Mynkre I & II Lines tripped. Due to tripping of these elements, Leshka HEP of Meghalaya got isolated from NER grid and collapsed due to no source available in these areas. Power was extended to Leshka HEP by charging 132 KV Leshka-Mynkre Line-I & II at 07:48 Hrs and 07:52 Hrs of 28-04-2025 respectively. | 132 KV Leshka-Mynkre I & II Lines |
| 18 | GD I | Dharmanagar area of Tripura power system | 28-04-2025 09:07 | 28-04-2025 09:44 | 00:37 | 0 | 9 | 0.00% | 0.63% | 1469 | 1418 | Dharmanagar area of Tripura power system was connected to rest of NER grid through 13 2kV Dharmanagar –Dullavcherra and 132 KV P K Bari – Dharmanagar lines. At 09:07 Hrs of 28-04-2025, 132 KV Dharmanagar –Dullavcherra line and 132 KV P K Bari –Dharmanagar line tripped. Due to tripping of these lines, Dharmanagar area of Tripura Power System was isolated from NER Grid and collapsed due to no source available in this area. Power supply was extended to Dharmanagar area of Tripura Power System by charging 132 KV P K Bari – Dharmanagar line at 09:44 Hrs of 28.04.2025. | 132 KV Dharmanagar –Dullavcherra line and 132 KV P K Bari –Dharmanagar line |

| Details of Grid Events during the Month of April 2025 in North Eastern Region | | | | | | | | | | | |  | |
|---|---|--|---|------------------------------|-----------------|---|----------------|---|------------------|--|--|---|---|
| Sl No. | Category of Grid Event (GI for GI 2/ GD-1 to GD-5) | Affected Area | Time and Date of occurrence of Grid Event | Time and Date of Restoration | Duration (H:MM) | Loss of generation / loss of load during the Grid Event | | % Loss of generation / loss of load w.r.t Antecedent Generation/Load in the Regional Grid during the Grid Event | | Antecedent Generation/Load in the Regional Grid* | Brief details of the event (pre fault and post fault system conditions) | Elements Tripped | |
| | | | | | | Generation Loss(MW) | Load Loss (MW) | % Generation Loss (MW) | % Load Loss (MW) | | | | |
| 19 | GD I | Churachanpur, Eiangkankpokpi, Thanlon, Kakching, Chandel and Morey areas of Manipur and Tamu area Myanmar Power system | 28-04-2025 13:43 | 28-04-2025 14:17 | 00:34 | 0 | 30 | 0.00% | 1.98% | 1270 | 1512 | Churachanpur, Eiangkankpokpi, Thanlon, Kakching, Chandel and Morey areas of Manipur and Tamu area Myanmar Power system were connected to rest of NER grid through 132 KV Ningthoukhong-Churachandpur II, 132 KV Old Thoubal-Kakching & 132 KV New Thoubal-Kakching Lines. At 13:43 Hrs of 28-04-2025, 132 KV Ningthoukhong-Churachandpur II, 132 KV Old Thoubal-Kakching, 132 KV New Thoubal-Kakching & 132 KV Churachandpur-Kakching Lines tripped. Due to tripping of these lines, Churachanpur, Eiangkankpokpi, Thanlon, Kakching, Chandel and Morey areas of Manipur and Tamu area Myanmar Power system got isolated from NER Grid and collapsed due to no source available in these areas. Power supply was extended to Kakching area by charging 132 KV Old Thoubal-Kakching Line at 14:05 Hrs of 28-04-2025 and to Churachandpur area by charging 132 KV Churachandpur-Kakching Line at 14:17 Hrs of 28-04-2025. | 132 KV Ningthoukhong-Churachandpur II, 132 KV Old Thoubal-Kakching, 132 KV New Thoubal-Kakching & 132 KV Churachandpur-Kakching Lines |

| 21. NEW ELEMENTS CHARGED IN APRIL 2025 | | | | | | | |
|--|--------|---------------------------------------|--|--------------------|---|-------------------------------|------------|
| GENERATING UNITS | | | | | | | |
| REGION | S. NO. | Location | Owner/Unit Name | Unit No/Source | Capacity added (MW) | Total/Installed Capacity (MW) | DATE |
| NR | 1 | Bikaner_2(PBTSL) | Karinsar Solar Plant NHPC Ltd(KSP_NHPC) | Solar | 10.36 | 300 | 01.04.2025 |
| | 2 | Fatehgarh_3 | RENEW SURYA JYOTI PRIVATE LIMITED(RSJPL) | Solar | 210 | 210 | 05.04.2025 |
| | 3 | Fatehgarh_3 | Neamba Solar Plant Renew Surya Vihaan Pvt Ltd (NSPVPPL) | Solar | 200 | 200 | 05.04.2025 |
| | 4 | Bhadla_2(PG) | GORBEA SOLAR PRIVATE LIMITED(GSPL) | Solar | 100 | 300 | 22.04.2025 |
| | 5 | Fatehgarh_3 | XLXergi Power Private Limited(XXPPL) | Solar | 215 | 400 | 22.04.2025 |
| | 6 | Bikaner_2(PBTSL) | ACME Sikar Solar Private Limited(ASPL_BKN2) | Solar | 90 | 300 | 30.04.2025 |
| | 7 | Fatehgarh_3 | RENEW SURYA ROSHNI PRIVATE LIMITED | Solar + BESS | 23 | 400 | 08.04.2025 |
| WR | 8 | 400/33 KV Khavda PSS-4 | Ambuja Cement Limited (ACL) | Wind | 124.8 | 124.8/156 | 23.04.2025 |
| | 9 | 400/33 KV Khavda PSS-4 | Adani Hybrid Energy Jaisalmere Five Limited (AHEJ5L) | Wind | 62.4 | 52/62.4 | 15.04.2025 |
| | 10 | 400/220 KV Pachora SEZ | NTPC Renewable Energy Limited Burlay (NTPC REL) | Solar | 120 | 220/220 | 10.04.2025 |
| | 11 | 400/33 KV NTPC REL Khavda PSS-2 | NTPC REL Khavda PSS2 (NREL) | Solar | 88.4 | 88.4/1555 | 29.04.2025 |
| | 12 | 400/33 KV Khavda PSS-4 | Adani Renewable Energy Fifty Six Limited (ARE56L) | Solar | 50 | 225/225 | 23.04.2025 |
| | 13 | 400/33 KV Khavda PSS-5 | Adani Hybrid Energy Jaisalmere Five Limited (AHEJ5L) | Solar | 100 | 245/570 | 30.04.2025 |
| | 14 | 400/33 KV Khavda PSS-9 | Adani Renewable Energy Fifty Six Limited (ARE56L) | Solar | 75 | 225/400 | 23.04.2025 |
| | 15 | 400/33 KV Khavda PSS-13 | Adani Renewable Energy Fifty Seven Limited (ARE57L) | Solar | 175 | 575/1100 | 23.04.2025 |
| | 16 | 400/33 KV Khavda PSS-10 | Adani Renewable Energy Fifty Six Limited (ARE56L) | Solar | 75 | 175/500 | 23.04.2025 |
| SR | 17 | 230KV/33KV Dharapuram PSS | JSW NEO Energy Ltd. (JSW_270MW) | Wind | 32.4 | 162 | 23.04.2025 |
| | 18 | 400KV AMGEPL Solar Pooling Station | AMGEPL | Solar | 26.048 | 378.048 | 22.04.2025 |
| | 19 | 230 KV KARUR_PS | SPRNG AKSHAYA URJA Pvt. Ltd. | Wind | 52.8 | 52.8 | 26.04.2025 |
| Total Solar Generation addition | | | | | | | |
| Total Wind Generation addition | | | | | | | |
| Interconnecting/Generator/Station Transformers | | | | | | | |
| REGION | S.NO. | Agency/Owner | Sub-Station | ICT No. | Voltage Level (kV) | Capacity (MVA) | DATE |
| NR | 1 | UPRVUNL | Panki TPS (UP) | ICT-2 | 400/11.5 | 100 | 06.04.2025 |
| | 2 | Sangod_TSL_RS | Sangod GSS (RS) | ICT-1 | 400/220/33 | 500 | 12.04.2025 |
| | 3 | Sangod_TSL_RS | Sangod GSS (RS) | ICT-2 | 400/220/33 | 500 | 12.04.2025 |
| | 4 | XL_XPPL | XL_XPPL_SL_Ftg3(PG) | ICT-2 | 220/33 | 213 | 20.04.2025 |
| | 5 | XL_XPPL | XL_XPPL_SL_Ftg3(PG) | ICT-1 | 220/33 | 213 | 20.04.2025 |
| | 6 | ASPL_BKN2 | ASPL_Sl_BKN2 | ICT-1 | 220/33 | 150 | 25.04.2025 |
| | 7 | ASPL_BKN2 | ASPL_Sl_BKN2 | ICT-2 | 220/33 | 150 | 26.04.2025 |
| | 8 | PRTL | Fatehgarh_III(PG) | ICT-1 | 765/400/33 | 1500 | 27.04.2025 |
| | 9 | UPRVUNL | Jawaharpur_TPS(UP) | ICT-1 | 765/400/33 | 1500 | 28.04.2025 |
| WR | 10 | KPS1 Transmission Limited | 765/400 KV Khavda P51 | ICT-6 | 765/400 | 1500 | 07.04.2025 |
| | 11 | MPTCL | 400/220 KV Julwania | ICT-3 | 400/220 | 500 | 02.04.2025 |
| | 12 | MSETCL | 400/220 KV Chandrapur | ICT-1 Spare | 400/220 | 105 | 03.04.2025 |
| | 13 | WRTS-2, POWERGRID | 765/400 KV New Navarsi | ICT-1 | 765/400 | 1500 | 26.04.2025 |
| | 14 | WRTS-2, POWERGRID | 765/400 KV New Navarsi | ICT-2 | 765/400 | 1500 | 11.04.2025 |
| | 15 | POWERGRID KPS2 TSL | 765/400 KV Khavda P52 | ICT-4 | 765/400 | 1500 | 13.04.2025 |
| | 16 | WRTS-1, POWERGRID | 765/400 KV Kotra | ICT-5 | 765/400 | 1500 | 13.04.2025 |
| | 17 | KPS1 Transmission Limited | 765/400 KV Khavda P51 | ICT-7 | 765/400 | 1500 | 23.04.2025 |
| | 18 | NTPC REL Khavda PSS2 | 400/33 KV NTPC REL Khavda PSS2 | ICT-5 | 400/33 | 315 | 28.04.2025 |
| | 19 | Adani Green Energy Limited | 400/33 KV Khavda PSS5 | ICT-3 | 400/33 | 330 | 29.04.2025 |
| | 20 | Adani Green Energy Limited | 400/33 KV Khavda PSS5 | ICT-3 | 400/33 | 330 | 29.04.2025 |
| SR | 21 | TANTRANSCO | 400KV/230KV SALEM S/S | ICT-6 | 400/230/33 | 500 | 05.04.2025 |
| | 22 | TANTRANSCO | 400KV/230KV KORATTUR S/S | ICT-2 | 400/230/33 | 500 | 23.04.2025 |
| | 23 | TANTRANSCO | 400KV/230KV KORATTUR S/S | ICT-4 | 400/110/33 | 200 | 23.04.2025 |
| | 24 | KLEIO Solar Power Pvt. Ltd. (KSPL) | 220KV/33KV KSPL Gen. Pooling S/S | ICT-1 | 220/220/33 | 80 | 11.04.2025 |
| NR | 25 | KLEIO Solar Power Pvt. Ltd. (KSPL) | 220KV/33KV KSPL Gen. Pooling S/S | ICT-2 | 220/220/33 | 80 | 11.04.2025 |
| | 26 | KLEIO Solar Power Pvt. Ltd. (KSPL) | 220KV/33KV KSPL Gen. Pooling S/S | ST-1 | 220/220/33 | 0.315 | 12.04.2025 |
| | 27 | KLEIO Solar Power Pvt. Ltd. (KSPL) | 220KV/33KV KSPL Gen. Pooling S/S | ST-2 | 220/220/33 | 0.315 | 12.04.2025 |
| | 28 | GREENKO AP01 IREP | 400KV/11KV GREENKO PSP | ST-2 | 400/11 | 31.5 | 26.04.2025 |
| NER | 29 | SPRNG AKSHAYA URJA Pvt. Ltd. | 230 KV/33KV SPRNG AKSHAYA URJA Pvt. Ltd. | ICT-3 | 230/33 | 60 | 26.04.2025 |
| | 30 | POWERGRID ER NER TL | Namsai | ICT-4 | 220/132 | 160 | 18.04.2025 |
| | 31 | POWERGRID ER NER TL | Namsai | ICT-3 | 220/132 | 160 | 17.04.2025 |
| | 32 | NEEPCO | Paro (PHPS) | SST | 132/33 | 7.5 | 05.04.2025 |
| Total (MVA) | | | | | | | |
| NEW TRANSMISSION LINES | | | | | | | |
| REGION | S.NO. | Agency/Owner | Line Name | Length (KM) | Conductor Type | DATE | |
| NR | 1 | XL_XPPL | 220kv XL_XPPL_SL_Ftg3(PG)-Fatehgarh_III(PG)-1 | 5.3 | HTLS | 20.04.2025 | |
| | 2 | ASPL_BKN2 | 220kv ASPL_SL_BKN2-Bikaner_2 (PBTSL)-1 | 2.3 | AL59 Moose | 25.04.2025 | |
| WR | 3 | KPS1 Transmission Limited | 765 KV KPS1-KPS2-2 (through 713 bay at KPS2 end) | 21.4 | AL 59 Zebra | 01.04.2025 | |
| | 4 | KPS2A Transmission Limited | 765 KV KPS2-Lakadha-1 | 177.6 | AL 59 Zebra | 01.04.2025 | |
| | 5 | NTPC REL (Khavda PSS2) | 400 KV NTPC REL Khavda PSS2 - KPS2 | 4.5 | HTLS ACSS | 17.04.2025 | |
| | 6 | GIPCL (Khavda PSS1) | 400 KV GIPCL Khavda PSS1 - KPS2 | 9.7 | AL59 Moose | 30.04.2025 | |
| | 7 | Vedanta Limited | 400 KV Vedanta-Raigarh-2 | 20.1 | Quad Moose 18.93 km, Twin moose 1.2 km | 29.04.2025 | |
| | 8 | WRTS2, POWERGRID | 400 KV Banaskantha-Sankhari-3 | 21.9 | AL59 Moose | 01.04.2025 | |
| | 9 | WRTS2, POWERGRID | 400 KV Banaskantha-Sankhari-4 | 21.9 | AL59 Moose | 01.04.2025 | |
| SR | 10 | TANTRANSCO | 400KV MANALI - KORATTUR Line -1 | 16.39 | Over Head-Twin Moose (4.844 km) UG cable - XLPE(11.55 km) | 03.04.2025 | |
| | 11 | GREENKO AP01 IREP | 400KV GREENKO PSP - CPSS Line -2 | 6.97 | ACSR QUAD MOOSE | 25.04.2025 | |
| | 12 | KLEIO Solar Power Pvt. Ltd. (KSPL) | 220KV-KOPPAL-CSS_KS_PTR-1 | 0.81 | AL59 MOOSE | 11.04.2025 | |
| | 13 | KLEIO Solar Power Pvt. Ltd. (KSPL) | 220KV CSS_KS_PTR - KSPP1 -1 | 10.86 | AL59 ZEEBRA | 10.04.2025 | |
| Total length (km) | | | | | | | |
| REGION | S.NO. | Agency/Owner | Line Name | Length (KM) | Conductor Type | DATE | |
| NER | 1 | POWERGRID ER NER Transmission Limited | 220 KV Namsai - Kathalguri 2 (Anti theft charging till 31 km from Namsai) | 71.11 | ACSR Zebra | 18.04.2025 | |
| | 2 | POWERGRID ER NER Transmission Limited | 220 KV Namsai - Kathalguri 1 (Anti theft charging till 31 km from Namsai) | 71.11 | ACSR Zebra | 17.04.2025 | |
| LILO/RE-ARRANGEMENT OF EXISTING TRANSMISSION LINES | | | | | | | |
| REGION | S.NO. | Agency/Owner | Line Name/LLO at | Length (KM) | Conductor Type | DATE | |
| NR | 1 | RRVPNL, Sangod Transmission Service | 400KV Anta(RS)-Sangod GSS (RS)-1(After LILO of 400 KV Kalisindh-Anta ckt-II at 400 KV GSS Sangod) | 27.269 | Quad Moose | 12.04.2025 | |
| | 2 | RRVPNL, Sangod Transmission Service | 400KV Kalisindh(RS)-Sangod GSS (RS)-1(After LILO of 400 KV Kalisindh-Anta ckt-II at 400 KV GSS Sangod) | 63.532 | Quad Moose | 12.04.2025 | |
| WR | 3 | MSETCL | 220 KV Reliance Life Science - CPR1 (LILO of 220 KV Reliance Life Science - Nasik line at CPR1) | 24.02 | 0.4 ACSR Zebra | 28.04.2025 | |
| | 4 | | | | | | |
| BUS/LINE REACTORS | | | | | | | |
| REGION | S.NO. | Agency/Owner | Element Name | Voltage Level (kV) | Rating (MVAr) | DATE | |
| NR | 1 | UPRVUNL | 400 KV, 80 MVAR Bus Reactor 1 at Panki TPS (UP) | 400 | 80 | 23.04.2025 | |
| | 2 | POWERGRID KPS2 TSL | 330 MVAR, 765 KV Bus Reactor-1 at KPS2 | 765 | 330 | 01.04.2025 | |
| WR | 3 | KPS1 Transmission Limited | 330 MVAR, 765 KV Bus reactor-2 at KPS1 | 765 | 330 | 13.04.2025 | |
| | 4 | TANTRANSCO | 125 MVAR Bus Reactor 1 at 400KV KORATTUR S/S | 400 | 125 | 27.04.2025 | |
| SR | 5 | TANTRANSCO | 125 MVAR Bus Reactor 2 at 400KV KORATTUR S/S | 400 | 125 | 27.04.2025 | |
| | 6 | NPCIL | 125 MVAR Bus Reactor 2 at KAIGA Generating Station | 400 | 125 | 29.04.2025 | |
| ER | 7 | PGCIL ER-II | 63 MVAR NON-SWITCHABLE L/R OF 400KV-MAITHON-KHSTPP-1 AT MAITHON | 400 | 63 | 12.04.2025 | |
| | | | | Total (MVAr) | 1178 | | |
| HVDC / AC Filter bank / FACTS DEVICE associated System | | | | | | | |
| REGION | S.NO. | Agency/Owner | Element Name | SUB-STATION | Voltage Level (kV) | DATE | |
| NIL | | | | | | | |

Voltage Profile

विद्युत विभव रूपरेखा माह - अप्रैल 2025

VOLTAGE PROFILE - April 2025

| क्र.स. Sl. No. | सेव REGION | उपकेन्द्र SUBSTATION | VOLTAGE < V(lower)* (V=380,728 kV) | V(lower) < VOLTAGE < V(upper)* | VOLTAGE > V(upper)* (V=420,800 kV) | Voltage Deviation Index (%age of time voltage is outside range) | Number of hours voltage was outside IEGC band during month | उच्चतम (कि.वा.) Maximum(kV) | निम्नतम(कि.वा.) Minimum(kV) | औसत (कि.वा.) Average(kV) |
|----------------|---------------------------|--|---------------------------------------|-----------------------------------|---------------------------------------|--|--|-----------------------------|-----------------------------|--------------------------|
| 1 | पूर्वी क्षेत्र ER | आगरा ANGUL | 0% | 100% | 0% | 0% | 0 | 796 | 751 | 774 |
| 2 | | दालियाली DARLIPALI | 0% | 100% | 0% | 0% | 0 | 788 | 760 | 774 |
| 3 | | गया GAYA | 0% | 100% | 0% | 0% | 0 | 781 | 744 | 764 |
| 4 | | जीरात JEE RAT | 0% | 100% | 0% | 0% | 1 | 804 | 736 | 766 |
| 5 | | झारसुगुडा JHARSUGUDA | 0% | 100% | 0% | 0% | 0 | 799 | 766 | 783 |
| 6 | | मेडिनपुर MEDINIPUR | 0% | 100% | 0% | 0% | 1 | 807 | 747 | 774 |
| 7 | | रांची RANCHI | 0% | 100% | 0% | 0% | 0 | 798 | 762 | 781 |
| 8 | | सासाराम SASARAM | 0% | 100% | 0% | 0% | 0 | 796 | 745 | 764 |
| 1 | उत्तरी क्षेत्र NR | आगरा AGRA | 0% | 100% | 0% | 0% | 0 | 804 | 754 | 780 |
| 2 | | आगरा (फतेहबाद) AGRA (FATEHABAD) | 0% | 100% | 0% | 0% | 0 | 798 | 751 | 774 |
| 3 | | आजमेर AJMER | 0% | 98% | 2% | 2% | 13 | 806 | 746 | 784 |
| 4 | | आलीगढ़ ALIGARH | 0% | 100% | 0% | 0% | 0 | 796 | 754 | 776 |
| 5 | | अनंतरा जी ANPARA-C | 0% | 100% | 0% | 0% | 0 | 781 | 753 | 766 |
| 6 | | अनंतरा डी ANPARA-D | 0% | 100% | 0% | 0% | 0 | 777 | 751 | 762 |
| 7 | | आता ANTA | 0% | 100% | 0% | 0% | 0 | 799 | 766 | 781 |
| 8 | | बालिया BALLIA | 0% | 100% | 0% | 0% | 0 | 793 | 736 | 766 |
| 9 | | बारा BARA | 0% | 100% | 0% | 0% | 0 | 785 | 753 | 768 |
| 10 | | भाड़ा BHA DLA | 0% | 100% | 0% | 0% | 0 | 803 | 748 | 783 |
| 11 | | भाड़ा-2 BHADLA-2 | 0% | 100% | 0% | 0% | 0 | 798 | 719 | 780 |
| 12 | | बिहारी BIHWANI | 0% | 100% | 0% | 0% | 1 | 801 | 763 | 784 |
| 13 | | बिकानेर BIKANER | 0% | 100% | 0% | 0% | 0 | 798 | 740 | 782 |
| 14 | | बाली BAREILLY | 0% | 99% | 1% | 1% | 7 | 808 | 738 | 776 |
| 15 | | चित्तोरगढ़ CHITTORGARH | 0% | 98% | 2% | 2% | 11 | 806 | 753 | 783 |
| 16 | | फतेहगढ़-2 FATEHGANJ-2 | 0% | 100% | 0% | 0% | 0 | 795 | 715 | 776 |
| 17 | | फतेहपुर FATEHPUR | 0% | 100% | 0% | 0% | 0 | 794 | 748 | 772 |
| 18 | | घटनपुर GHATAMPUR | 0% | 100% | 0% | 0% | 0 | 801 | 732 | 766 |
| 19 | | ग्रेटर नोएडा GREATER NOIDA | 0% | 100% | 0% | 0% | 0 | 801 | 756 | 777 |
| 20 | | हापुर HAPUR | 0% | 100% | 0% | 0% | 0 | 798 | 744 | 772 |
| 21 | | जावाहरपुर JAWAHARPUR | 0% | 100% | 0% | 0% | 0 | 787 | 743 | 767 |
| 22 | | जिहाविकर JHATIKARA | 0% | 100% | 0% | 0% | 0 | 798 | 753 | 777 |
| 23 | | कानपुर जीआईएस KANPUR GIS | 0% | 100% | 0% | 0% | 0 | 795 | 746 | 771 |
| 24 | | खेती क्षेत्र KHETRI | 0% | 100% | 0% | 0% | 0 | 800 | 742 | 780 |
| 25 | | कोटेश्वर KOTESHWAR | 0% | 100% | 0% | 0% | 0 | 796 | 753 | 774 |
| 26 | | लालितपुर LALITPUR | 0% | 100% | 0% | 0% | 0 | 775 | 744 | 759 |
| 27 | | लखनऊ LUCKNOW | 0% | 100% | 0% | 0% | 1 | 805 | 737 | 771 |
| 28 | | मनसा MAINPURI | 0% | 100% | 0% | 0% | 0 | 791 | 737 | 765 |
| 29 | | मेरठ MEERUT | 0% | 100% | 0% | 0% | 3 | 803 | 757 | 781 |
| 30 | | मेरठ(UP) MEERUT (UP) | 0% | 100% | 0% | 0% | 0 | 797 | 748 | 772 |
| 31 | | मोगा MOGA | 0% | 99% | 1% | 1% | 4 | 807 | 758 | 783 |
| 32 | | ओरा औरी ORA C | 0% | 100% | 0% | 0% | 0 | 775 | 746 | 761 |
| 33 | | उड़ी ORAI | 0% | 99% | 1% | 1% | 5 | 809 | 757 | 785 |
| 34 | | फागो PHAGI | 0% | 100% | 0% | 0% | 1 | 804 | 747 | 783 |
| 35 | | रामपुर RAMPUR | 0% | 98% | 1% | 1% | 10 | 809 | 739 | 779 |
| 36 | | उन्नाव UNNAO | 0% | 100% | 0% | 0% | 0 | 790 | 734 | 761 |
| 37 | | वाराणसी VARANASI | 0% | 100% | 0% | 0% | 0 | 794 | 754 | 773 |
| 1 | पश्चिमी क्षेत्र WR | अलोला AKOLA | 0% | 100% | 0% | 0% | 0 | 794 | 752 | 772 |
| 2 | | अंडरेगांड AURANGABAD | 0% | 100% | 0% | 0% | 0 | 798 | 746 | 775 |
| 3 | | भोपाल (वीटोटोरोसिल) BHOPAL (BDTCL) | 0% | 100% | 0% | 0% | 0 | 792 | 748 | 772 |
| 4 | | भुज BHUJ | 0% | 100% | 0% | 0% | 0 | 796 | 743 | 773 |
| 5 | | भुज-2 BHUJ-II | 0% | 100% | 0% | 0% | 0 | 790 | 742 | 770 |
| 6 | | बिलासपुर BILASPUR | 0% | 100% | 0% | 0% | 0 | 784 | 754 | 768 |
| 7 | | बिना BINNA | 0% | 100% | 0% | 0% | 0 | 802 | 755 | 778 |
| 8 | | बनकरका बानासकन्था BANASKANTHA | 0% | 100% | 0% | 0% | 2 | 803 | 742 | 779 |
| 9 | | चापा CHAMPA | 0% | 99% | 1% | 1% | 5 | 807 | 767 | 787 |
| 10 | | धरामगढ़ धरामगढ़ DHULIE (BDTCL) | 0% | 100% | 0% | 0% | 0 | 797 | 747 | 772 |
| 11 | | रामपुर रायपुर RAIPUR POOLING | 0% | 100% | 0% | 0% | 0 | 796 | 754 | 777 |
| 12 | | एक्टुनी EKTUNI | 0% | 100% | 0% | 0% | 0 | 794 | 745 | 769 |
| 13 | | गदरावरा GADARWARA | 0% | 100% | 0% | 0% | 0 | 803 | 752 | 780 |
| 14 | | ग्वालियर GWALIOR | 0% | 100% | 0% | 0% | 0 | 805 | 754 | 781 |
| 15 | | इंदौर INDORE | 0% | 100% | 0% | 0% | 0 | 793 | 748 | 770 |
| 16 | | जबलपुर JABALPUR | 0% | 100% | 0% | 0% | 3 | 807 | 760 | 783 |
| 17 | | खान्दा KHANDWA | 0% | 100% | 0% | 0% | 0 | 788 | 748 | 767 |
| 18 | | कोरडी KORADI | 0% | 100% | 0% | 0% | 0 | 792 | 756 | 768 |
| 19 | | लकडाउना LAKADIYA | 0% | 100% | 0% | 0% | 3 | 806 | 749 | 781 |
| 20 | | रायगढ़ रायगढ़ RAIGARH POOLING | 0% | 100% | 0% | 0% | 0 | 792 | 766 | 780 |
| 21 | | पांडोंग PADGHE | 0% | 100% | 0% | 0% | 0 | 798 | 738 | 774 |
| 22 | | पर्ली PARLI | 0% | 100% | 0% | 0% | 3 | 807 | 751 | 783 |
| 23 | | पुणे PUNE | 0% | 100% | 0% | 0% | 0 | 805 | 743 | 778 |
| 24 | | राजनन्दगांव RAJNANDGAON | 0% | 100% | 0% | 0% | 1 | 804 | 764 | 784 |
| 25 | | सासारा SASAN | 0% | 100% | 0% | 0% | 0 | 793 | 764 | 776 |
| 26 | | सतना SATNA | 0% | 100% | 0% | 0% | 2 | 804 | 762 | 782 |
| 27 | | सिवाई SEONI | 0% | 100% | 0% | 0% | 0 | 796 | 755 | 776 |
| 28 | | सिपत SIPAT | 0% | 100% | 0% | 0% | 0 | 784 | 755 | 768 |
| 29 | | सोलापुर SOLAPUR | 0% | 99% | 1% | 1% | 5 | 810 | 756 | 786 |
| 30 | | तिरोडा TIKORA | 0% | 100% | 0% | 0% | 0 | 782 | 756 | 766 |
| 31 | | तामरात TAMNAR | 0% | 100% | 0% | 0% | 0 | 792 | 766 | 779 |
| 32 | | वाडोदारा VADODARA | 0% | 100% | 0% | 0% | 3 | 803 | 736 | 776 |
| 33 | | विद्युतपुल पौड़ी VINDHYACHAL PS | 0% | 100% | 0% | 0% | 0 | 796 | 766 | 778 |
| 34 | | वारी WARDHA | 0% | 100% | 0% | 0% | 0 | 803 | 751 | 777 |
| 35 | | वारोंग वारोंग WARORA | 0% | 100% | 0% | 0% | 0 | 802 | 747 | 781 |
| 1 | दक्षिणी क्षेत्र SR | आरियलर ARIYALUR | 0% | 100% | 0% | 0% | 0 | 795 | 748 | 774 |
| 2 | | कुड्डापा CUDDAPAH | 0% | 100% | 0% | 0% | 0 | 777 | 777 | 777 |
| 3 | | चिलाकुरीमा CHILAKALURIPETA | 0% | 99% | 1% | 1% | 9 | 806 | 759 | 786 |
| 4 | | कुर्नुल KURNOOL | 0% | 100% | 0% | 0% | 0 | 798 | 758 | 778 |
| 5 | | महेश्वर मा MAHESWARA M | 0% | 99% | 1% | 1% | 8 | 810 | 761 | 788 |
| 6 | | निजामाबाद NIZAMABAD | 0% | 93% | 7% | 7% | 54 | 814 | 760 | 790 |
| 7 | | नोर्थ बैनोर नोर्लोर नोर्लोर NORTH CHENNAI PS | 0% | 100% | 0% | 0% | 0 | 797 | 756 | 773 |
| 8 | | रायचुर RAICHUR | 0% | 100% | 0% | 0% | 0 | 797 | 751 | 776 |
| 9 | | श्रीकाळमामा SRIKAKULAM | 0% | 100% | 0% | 0% | 0 | 799 | 758 | 780 |
| 10 | | थिरुवलाम्पुर थिरुवलाम्पुर THIRUVALEM | 0% | 100% | 0% | 0% | 1 | 801 | 744 | 779 |
| 11 | | वेमागिरि VEMAGIRI | 0% | 97% | 3% | 3% | 20 | 809 | 758 | 788 |
| 12 | | वारांगल वारांगल वारांगल WARANGAL | 0% | 100% | 0% | 0% | 1 | 802 | 753 | 782 |
| 13 | | बालिपारा BALIPARA (400 kV) | 0% | 100% | 0% | 0% | 0 | 415 | 387 | 404 |
| 14 | | बिस्वनाथ चारिलाली BISWANATH CHARIALI(400 KV) | 0% | 100% | 0% | 0% | 0 | 419 | 362 | 401 |
| 15 | | बोंगाइना बोंगाइना BONGAIGAON (400 KV) | 0% | 100% | 0% | 0% | 0 | 416 | 395 | 406 |
| 16 | | बोंगाइना टोपी बोंगाइना टोपी BONGAIGAON TPS (400 KV) | 0% | 100% | 0% | 0% | 0 | 417 | 396 | 408 |
| 17 | | इंफ्यूल इंफ्यूल IMPHAL (400 KV) | 0% | 100% | 0% | 0% | 0 | 417 | 387 | 403 |
| 18 | पूर्वोत्तर क्षेत्र NER | बिस्लिट बिस्लिट BYRNTHAT (400 KV) | 0% | 100% | 0% | 0% | 0 | 416 | 392 | 406 |
| 19 | | कामेंग कामेंग KAMENG (400 KV) | 0% | 100% | 0% | 0% | 0 | 417 | 388 | 403 |
| 20 | | जातारा जातारा AZARA (400 KV) | 0% | 100% | 0% | 0% | 0 | 413 | 401 | 407 |
| 21 | | मिसा MISA (400 KV) | 0% | 100% | 0% | 0% | 0 | 412 | 385 | 401 |
| 22 | | न्यू मरियानी NEW MARIAN (400 KV) | 0% | 100% | 0% | 0% | 0 | 417 | 388 | 405 |
| 23 | | न्यू कोहिमा NEW KOHIMA (400 KV) | 0% | 100% | 0% | 0% | 0 | 416 | 385 | 404 |
| 24 | | पालताना पालताना PALATANA(400 KV) | 0% | 100% | 0% | 0% | 0 | 413 | 400 | 406 |
| 25 | | पश्चिम पश्चिम पर्क बारी PK BARI (400 KV) | 0% | 100% | 0% | 0% | 0 | 415 | 392 | 402 |
| 26 | | रायनदी रायनदी RANGANIDI(400 KV) | 0% | 100% | 0% | 0% | 0 | 422 | 388 | 405 |
| 27 | | सिलचर SILCHAR (400 KV) | 0% | 100% | 0% | 0% | 0 | 418 | 394 | 407 |
| 28 | | सुर्योगत सुर्योगत जिन्होनेर सुर्योगत जिन्होनेर SURYAMANINAGAR (400 KV) | 0% | 100% | 0% | 0% | 0 | 411 | 390 | 402 |
| 29 | | थॉबल थॉबल THOUBAL (400 KV) | 0% | 100% | 0% | 0% | 0 | 413 | 384 | 399 |

All listed stations are 765 kV stations unless otherwise mentioned

*Percentage is calculated w.r.t. Time of one month

ALL TIME HIGHEST

30-04-2025

| | Maximum Demand Met during the day (MW) | Demand Met during Evening Peak hrs(MW) | Energy Met (MU) | Hydro Gen. (MU) | Wind Gen. (MU) | Solar Gen. (MU) |
|------------------|--|--|---------------------------|-------------------|-------------------|-----------------------------|
| NR | 91215 19-06-2024 | 82312 23-07-2024 | 1990 18-06-2024 | 443 01-08-2023 | 86 07-08-2023 | 228 22-04-2025 |
| WR | 80000 08-02-2025 | 71713 24-04-2025 | 1742 25-04-2025 | 167 | 310 18-12-2014 | 160.20 24-04-2025 |
| SR | 69942 21-03-2025 | 55925 28-03-2025 | 1460 19-03-2025 | 208 31-08-2018 | 323 26-07-2024 | 155.5 06-03-2025 |
| ER | 32531 10-06-2024 | 29695 29-05-2024 | 692 10-06-2024 | 157 14-09-2022 | - | 4.39 16-04-2025 |
| NER | 3905 19-09-2024 | 3787 19-09-2024 | 80 20-09-2024 | 43 27-06-2024 | - | 2 22-06-2022 |
| All India | 250070 30-05-2024 | 227354 29-05-2024 | 5466 30-05-2024 | 877 30-08-2022 | 619 28-05-2024 | 534 23-04-2025 |

| Regions | States | Max. Demand Met during the day (MW) | | Energy Consumption (MU) | |
|------------|------------------------|-------------------------------------|-------------------|-------------------------|-------------------|
| | | | As on date | | As on date |
| NR | Punjab | 15980 | 29-06-2024 | 366.8 | 21-07-2024 |
| | Haryana | 14524 | 31-07-2024 | 293.4 | 19-06-2024 |
| | Rajasthan | 18985 | 12-02-2025 | 379.1 | 30-05-2024 |
| | Delhi | 8568 | 18-06-2024 | 177.7 | 18-06-2024 |
| | UP | 30032 | 13-06-2024 | 658.8 | 17-06-2024 |
| | Uttarakhand | 2863 | 14-06-2024 | 62.1 | 14-06-2024 |
| | HP | 2273 | 17-01-2025 | 41.3 | 20-12-2024 |
| | J&K(UT) and Ladakh(UT) | 3200 | 07-01-2025 | 70.3 | 04-02-2025 |
| | Chandigarh | 443 | 13-06-2024 | 9.1 | 18-06-2024 |
| | Railways_NR_ISTS | - | - | - | - |
| WR | Chhattisgarh | 6798 | 25-04-2025 | 153.3 | 25-04-2025 |
| | Gujarat | 26421 | 28-04-2025 | 519.1 | 29-04-2025 |
| | MP | 18888 | 20-12-2024 | 353.8 | 14-02-2025 |
| | Maharashtra | 30675 | 13-03-2025 | 689.0 | 24-04-2025 |
| | Goa | 821 | 24-04-2025 | 18.0 | 24-04-2025 |
| | DD & DNH | 1390 | 23-10-2024 | 32.6 | 16-10-2024 |
| | AMNSIL | 1083 | 10-01-2024 | 21.0 | 31-05-2022 |
| | Balco | - | - | - | - |
| SR | Andhra Pradesh* | 13712 | 04-05-2024 | 263.8 | 16-06-2023 |
| | Telangana* | 17162 | 20-03-2025 | 339.2 | 18-03-2025 |
| | Karnataka | 18395 | 07-03-2025 | 359.2 | 19-03-2025 |
| | Kerala | 5797 | 02-05-2024 | 116.1 | 03-05-2024 |
| | Tamil Nadu | 20830 | 02-05-2024 | 443.6 | 30-04-2024 |
| | Pondy | 544 | 28-04-2025 | 11.8 | 31-05-2024 |
| ER | Bihar | 8001 | 23-09-2024 | 172.8 | 30-07-2024 |
| | DVC | 3674 | 14-06-2024 | 81.2 | 22-04-2022 |
| | Jharkhand | 2351 | 09-07-2024 | 50.4 | 10-06-2024 |
| | Odisha | 7104 | 13-07-2023 | 148.5 | 19-04-2024 |
| | West Bengal | 12756 | 30-04-2024 | 264.0 | 30-04-2024 |
| | Sikkim | 137 | 03-02-2022 | 2.8 | 12-04-2025 |
| | Railways_ER_ISTS | - | - | - | - |
| NER | Arunachal Pradesh | 198 | 26-05-2024 | 3.9 | 18-06-2024 |
| | Assam | 2687 | 20-09-2024 | 55.8 | 20-09-2024 |
| | Manipur | 271 | 16-01-2025 | 4.15 | 10-01-2025 |
| | Meghalaya | 415 | 09-02-2022 | 7.8 | 31-01-2022 |
| | Mizoram | 162 | 27-01-2024 | 2.6 | 02-03-2024 |
| | Nagaland | 188 | 22-07-2024 | 3.4 | 29-07-2024 |
| | Tripura | 386 | 04-05-2024 | 7.3 | 02-06-2024 |

24. System Reliability Indices Report for the month of April 2024

Percentage (%) of times ATC was violated

| S.No. | Corridor | Number of Blocks Violated | Number of Hours Violated | %Violation |
|-------|--------------|---------------------------|--------------------------|------------|
| 1 | WR-NR | 0 | 0.00 | 0.00 |
| 2 | ER-NR | 9 | 2.25 | 0.31 |
| 3 | Import of NR | 0 | 0.00 | 0.00 |
| 4 | NEW-SR | 0 | 0.00 | 0.00 |
| 5 | NER Import | 0 | 0.00 | 0.00 |

Percentage(%) of times (N-1) Criteria was violated

| S.No. | Corridor | Number of Blocks Violated | Number of Hours Violated | %Violation |
|-------|--------------|---------------------------|--------------------------|------------|
| 1 | WR-NR | 0 | 0.00 | 0.00 |
| 2 | ER-NR | 3 | 0.75 | 0.10 |
| 3 | Import of NR | 0 | 0.00 | 0.00 |
| 4 | NEW-SR | 0 | 0.00 | 0.00 |
| 4 | NER Import | 19 | 4.75 | 0.66 |

Remarks: Flows crossing Total Transfer Capability (TTC) on interregional corridors has been worked out as a proxy for (N-1) violation.