



ग्रिड कंट्रोलर ऑफ इंडिया लिमिटेड
(भारत सरकार का उद्यम)
GRID CONTROLLER OF INDIA LIMITED
(A Government of India Enterprise)
[formerly Power System Operation Corporation Limited (POSOCO)]



केन्द्रीय कार्यालय : 61, आई एफ सी आई टावर, 8वां और 9वां तल, नेहरू प्लेस, नई दिल्ली - 110019
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संदर्भ संख्या:- GRID-INDIA/NLDC/MR/

दिनांक: 24.06.2025

सेवा में,

वितरण सूची के अनुसार

विषय:- निष्पादन रिपोर्ट – मई 2025

महोदय,

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

धन्यवाद

भवदीय

३२१२

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
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- 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
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- 5 सदस्य सचिव, द. क्षे. वि. स., 29, रेस कोर्स क्रॉस रोड, बंगलूरु - 560009
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- 6 सदस्य सचिव, पू. क्षे. वि. स., 14, गोल्फ क्लब रोड, कोलकाता - 700033
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- 7 सदस्य सचिव, उ. पू. क्षे. वि. स., मेघालय राज्य आवासीय वित्त सहकारी समिति लिमिटेड भवन, नोग्रिम हिल्स, शिलोंग - 793003
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- 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
- 11 कार्यपालक निदेशक, उ. क्षे. भा. प्रे. के., 18/ए, शहीद जीत सिंह सनसनवाल मार्ग, नई दिल्ली - 110016
Executive Director, NRLDC, 18/A, SJSS Marg, Katwaria Sarai, New Delhi-110016
- 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

MAY - 2025

GRID CONTROLLER OF INDIA LIMITED
ग्रिड कंट्रोलर ऑफ इंडिया लिमिटेड

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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 मई 2025 के लिए प्रचालन निष्पादन रिपोर्ट

OPERATIONAL PERFORMANCE REPORT FOR THE
MONTH OF MAY-2025

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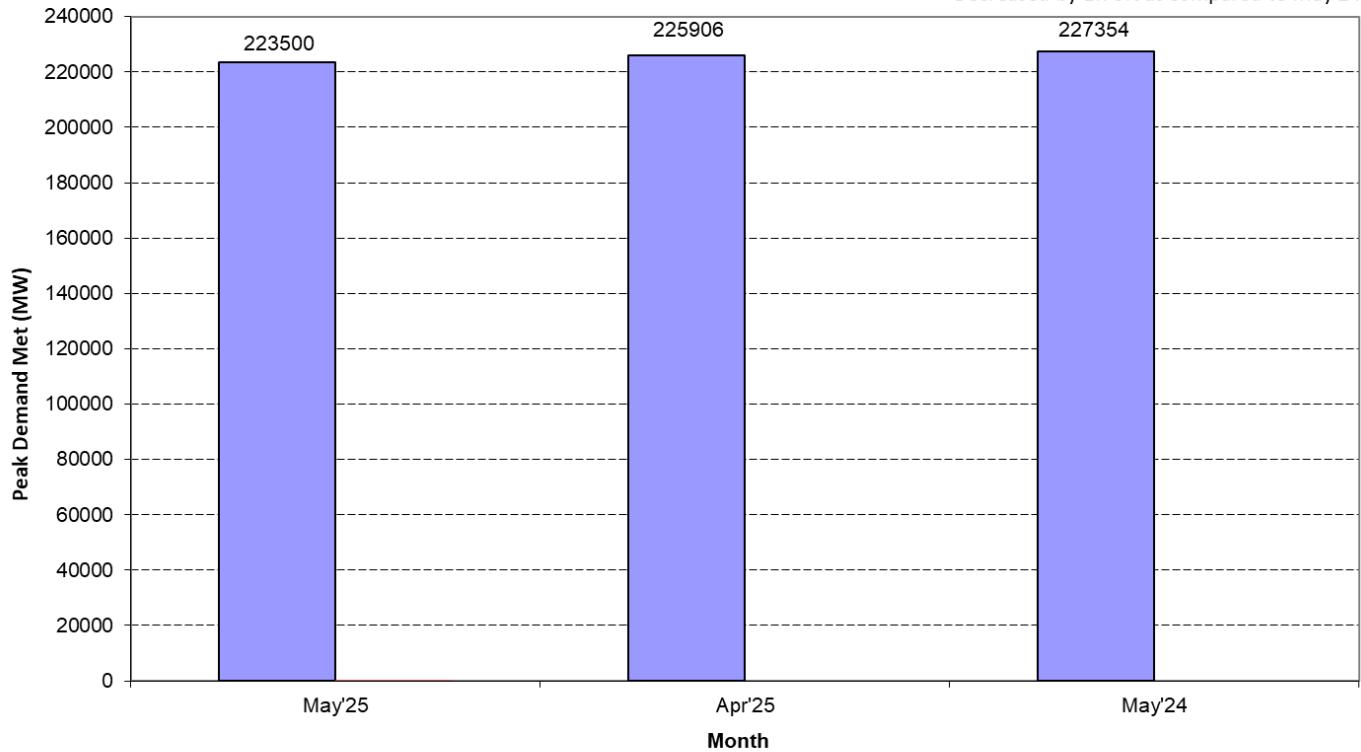
| | | |
|-----------|---|-------|
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1. SUMMARY OF REPORT FOR THE MONTH OF MAY-2025

EVENING PEAK HOUR (at 2000hrs) DEMAND MET AT NATIONAL LEVEL (MW)

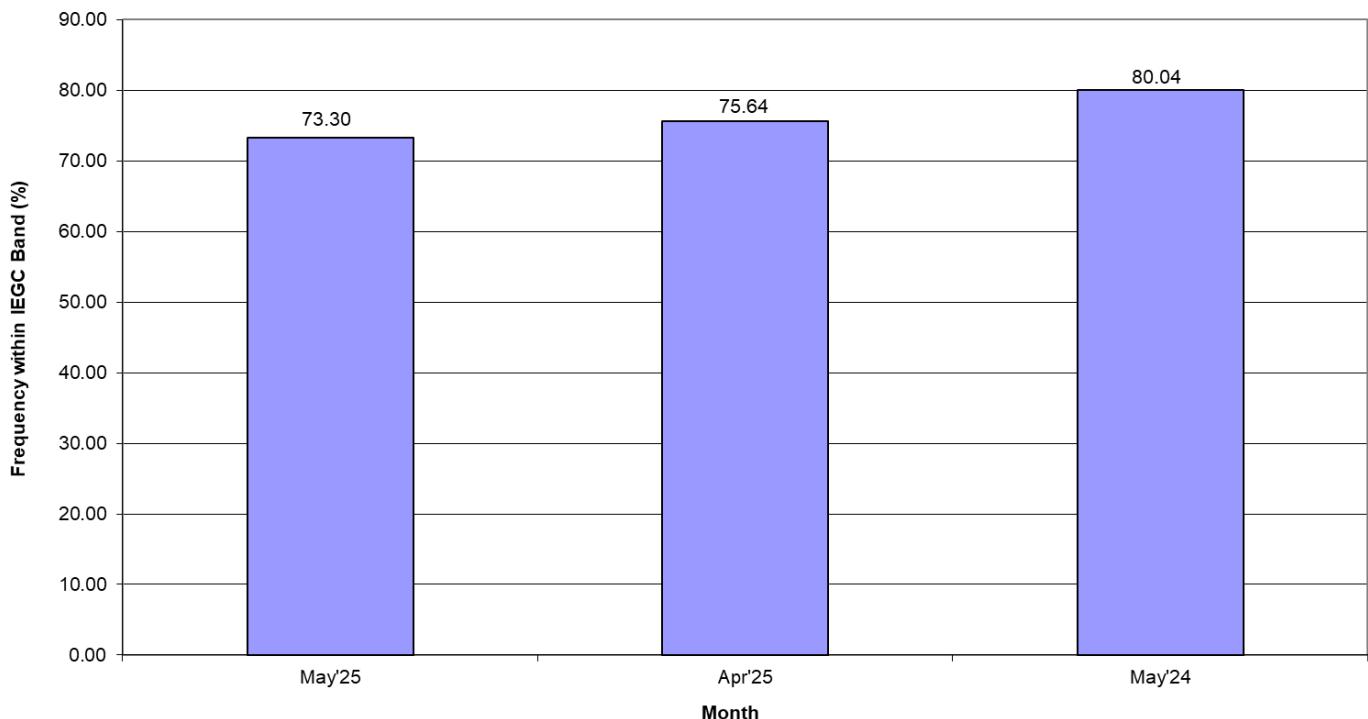
Decreased by 1.07% as compared to Apr'25

Decreased by 1.70% as compared to May'24

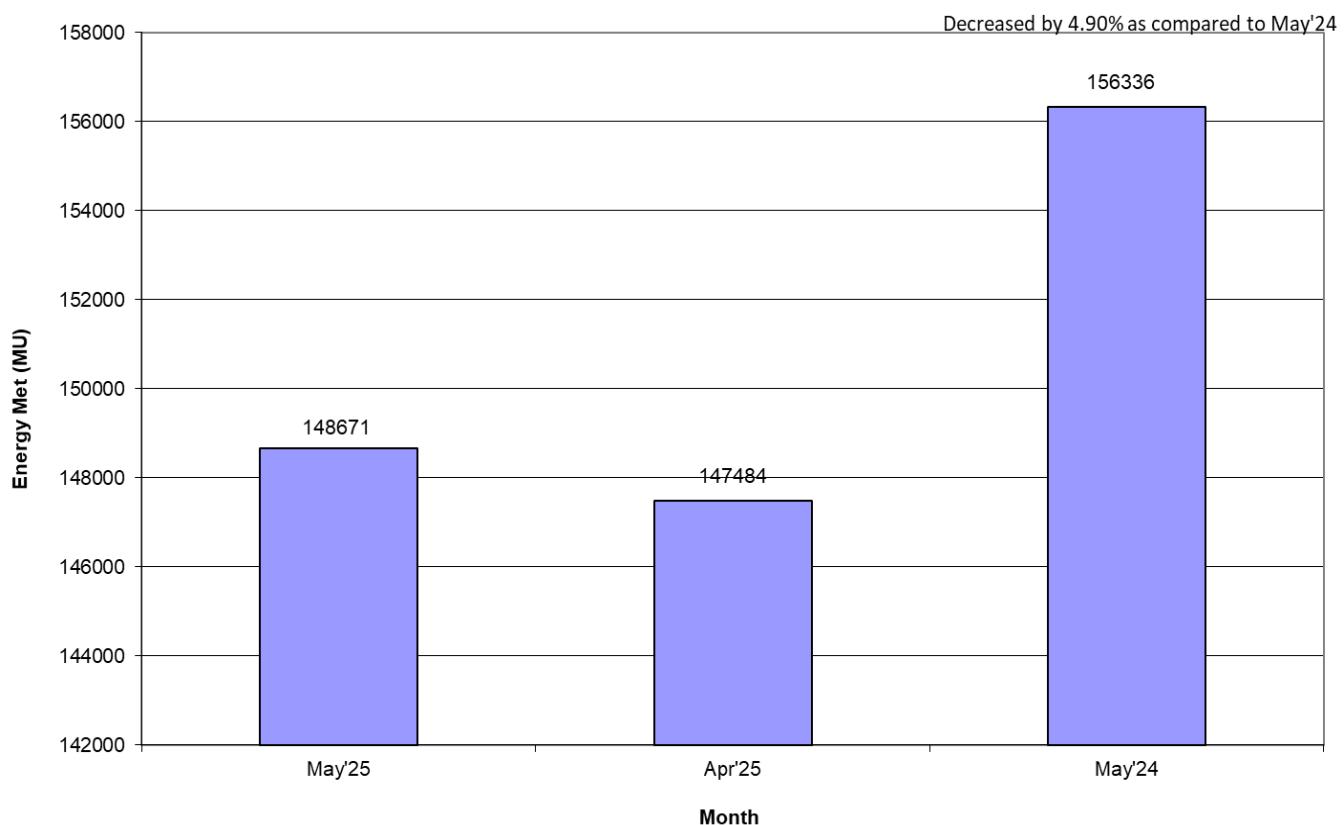


*Source: As per daily data furnished by states

Frequency within IEGC Band

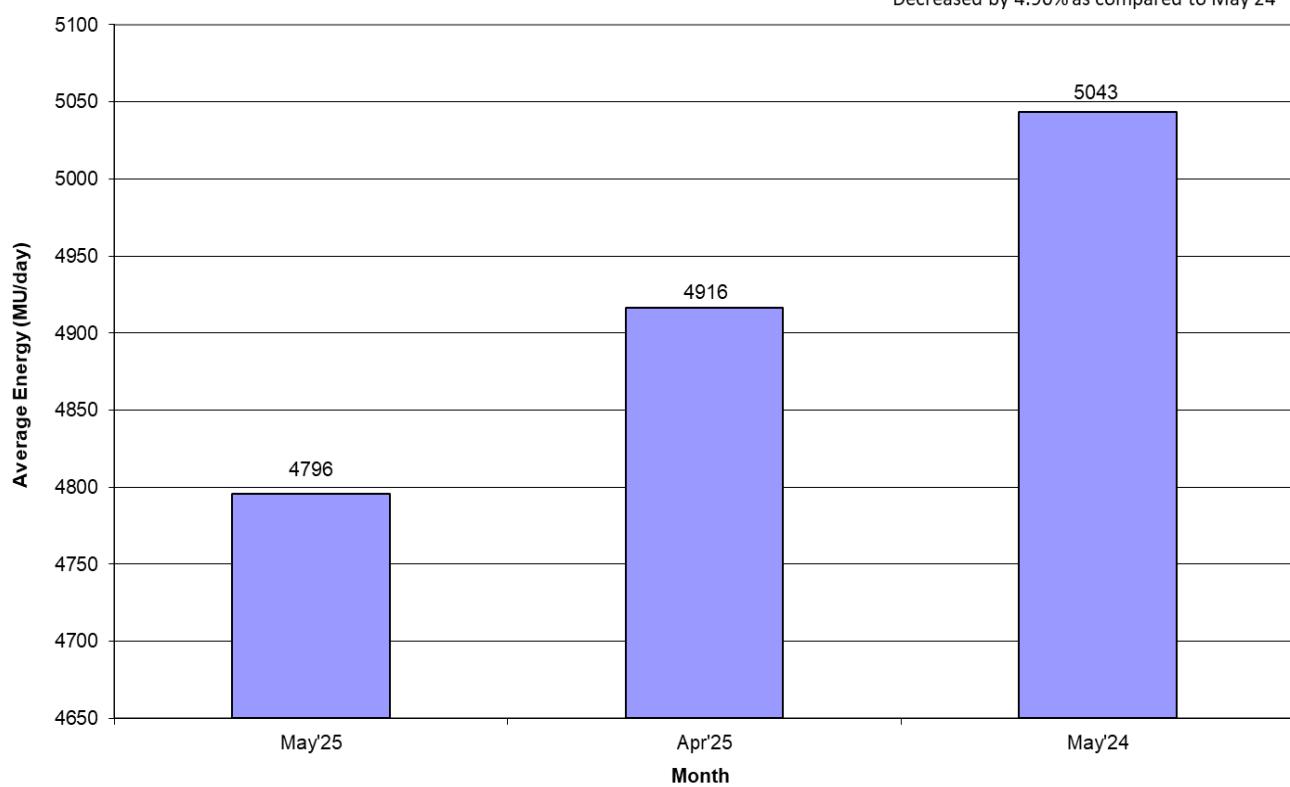


ENERGY MET AT NATIONAL LEVEL (MU)



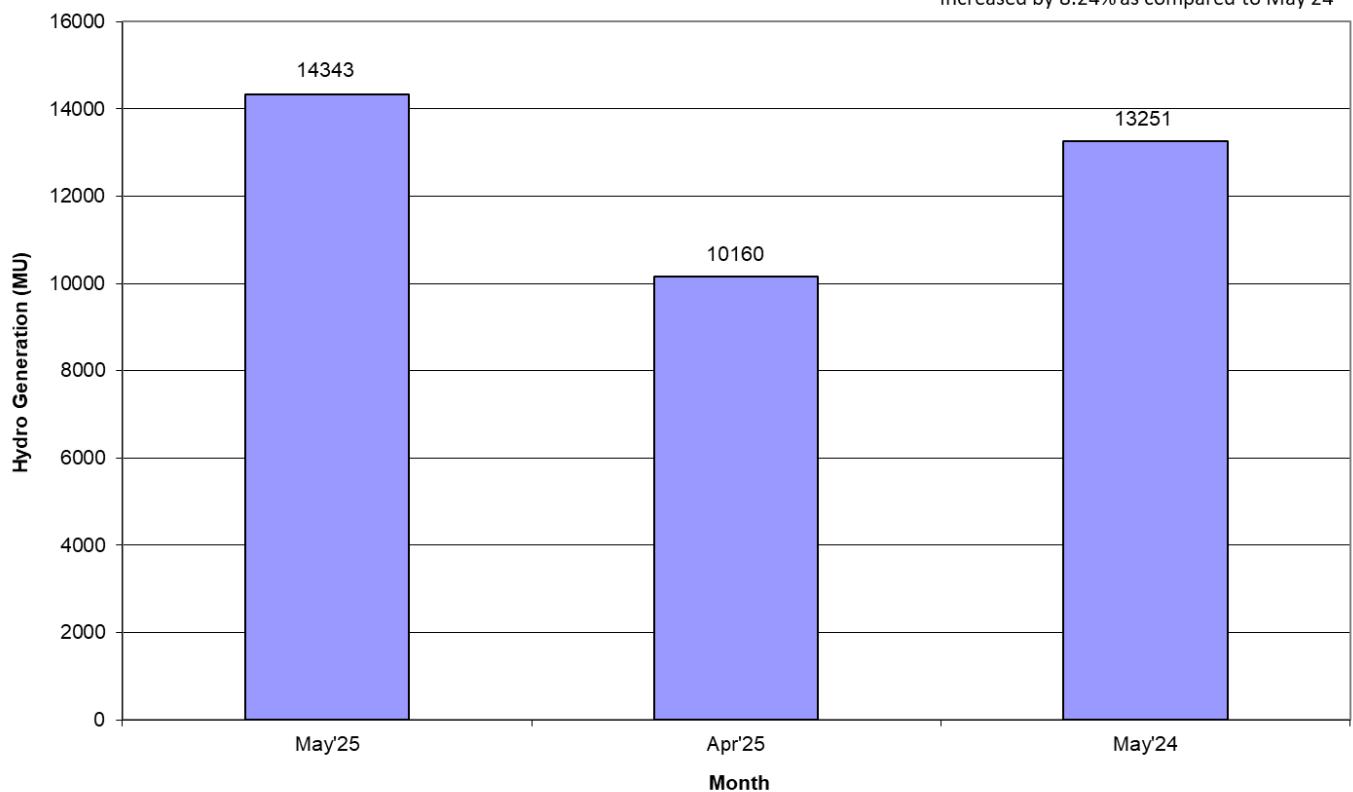
AVERAGE ENERGY MET AT NATIONAL LEVEL (MU/Day)

Decreased by 2.45% as compared to Apr'25
Decreased by 4.90% as compared to May'24



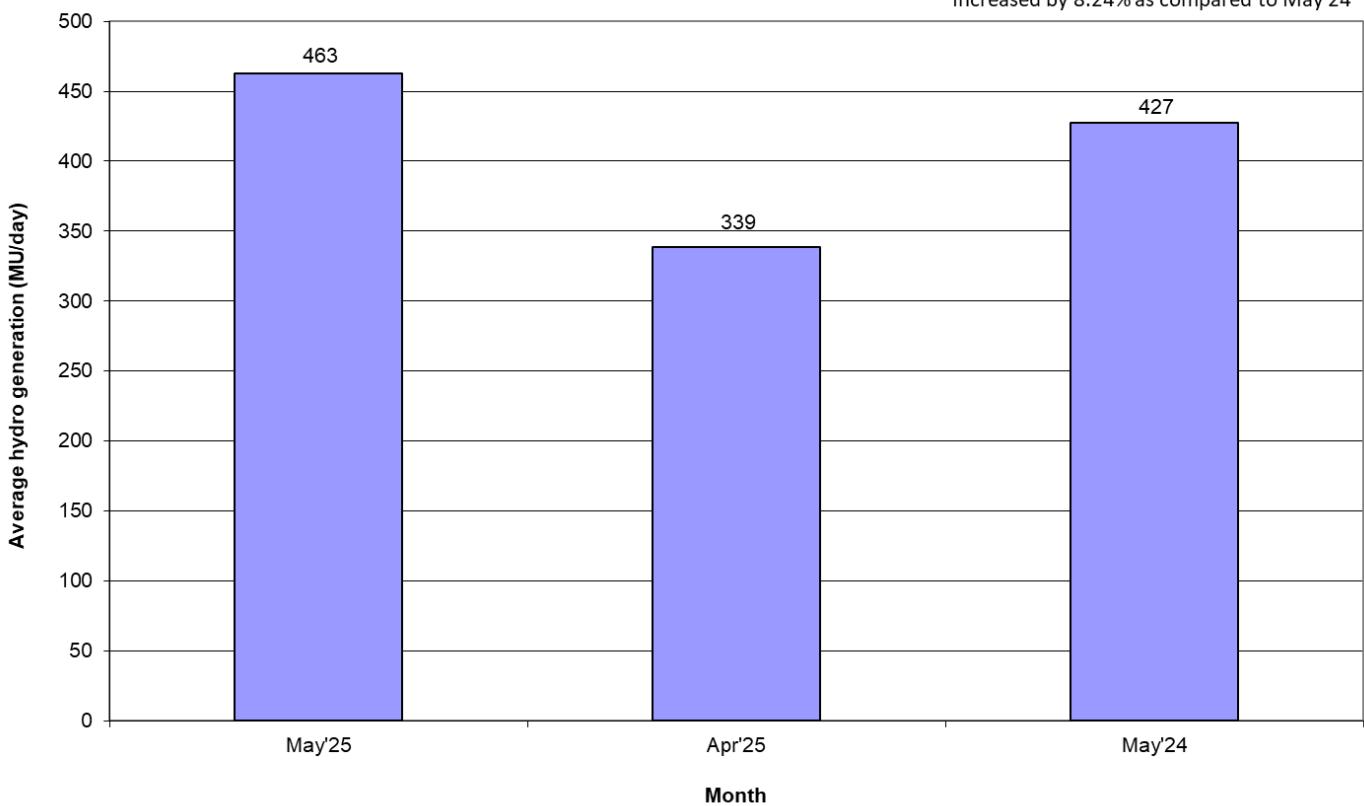
HYDRO GENERATION AT NATIONAL LEVEL (MU)

Increased by 8.24% as compared to May'24



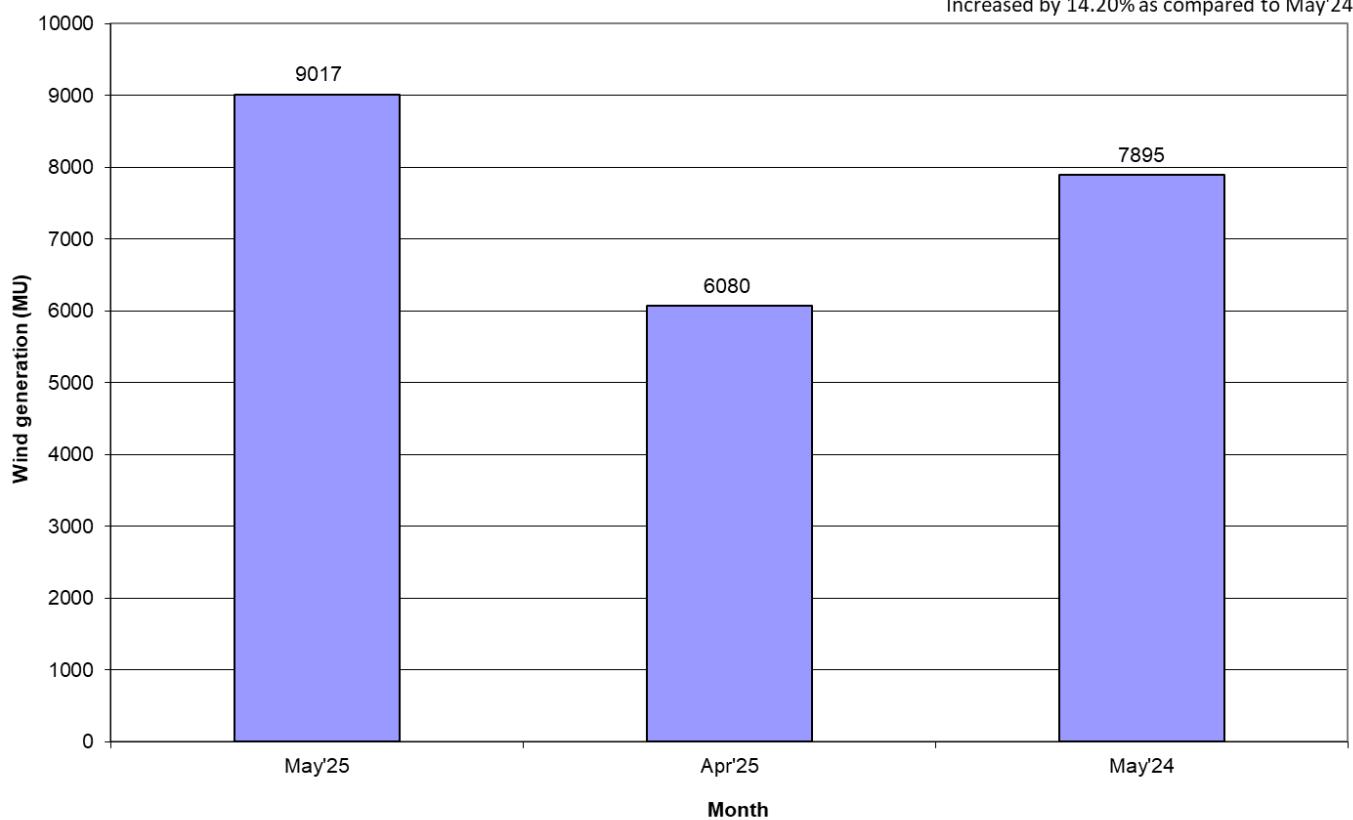
AVERAGE HYDRO GENERATION AT NATIONAL LEVEL (MU/Day)

Increased by 36.61% as compared to Apr'25
Increased by 8.24% as compared to May'24



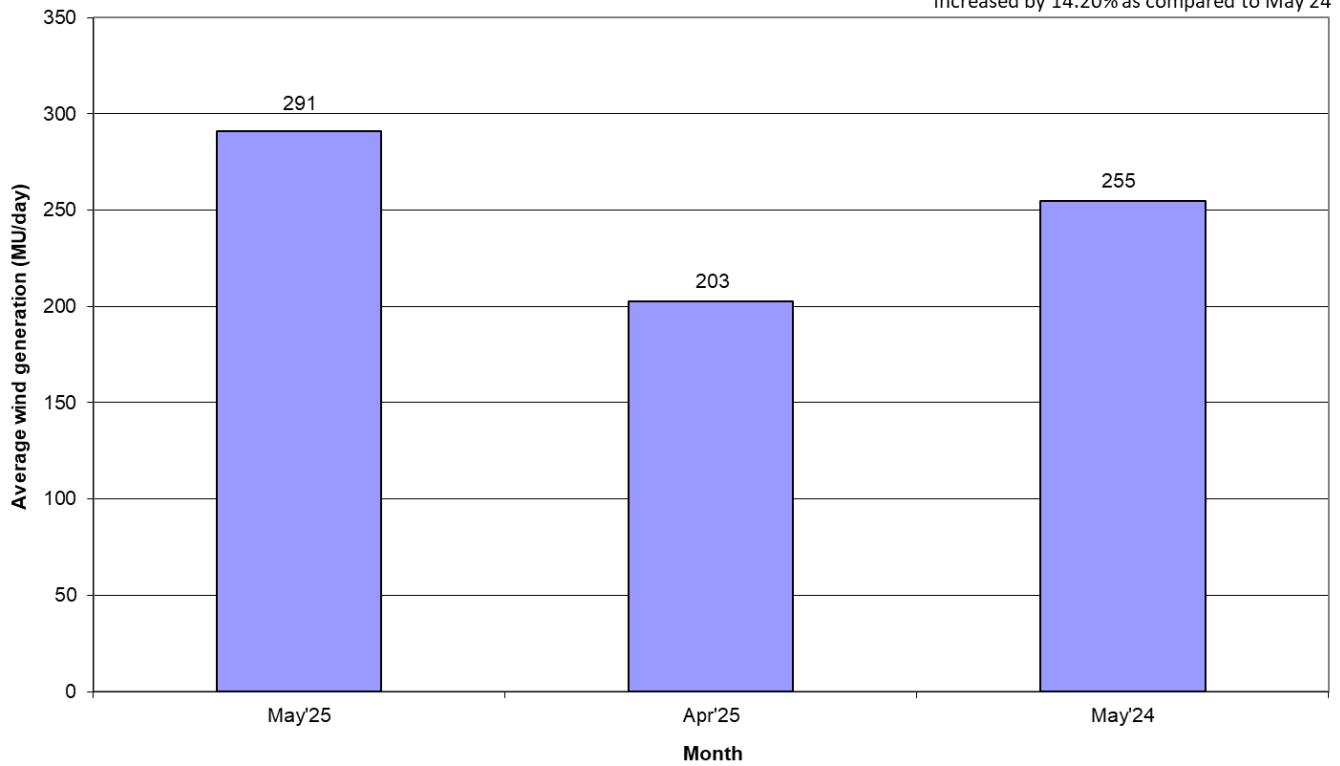
WIND GENERATION AT NATIONAL LEVEL (MU)

Increased by 14.20% as compared to May'24

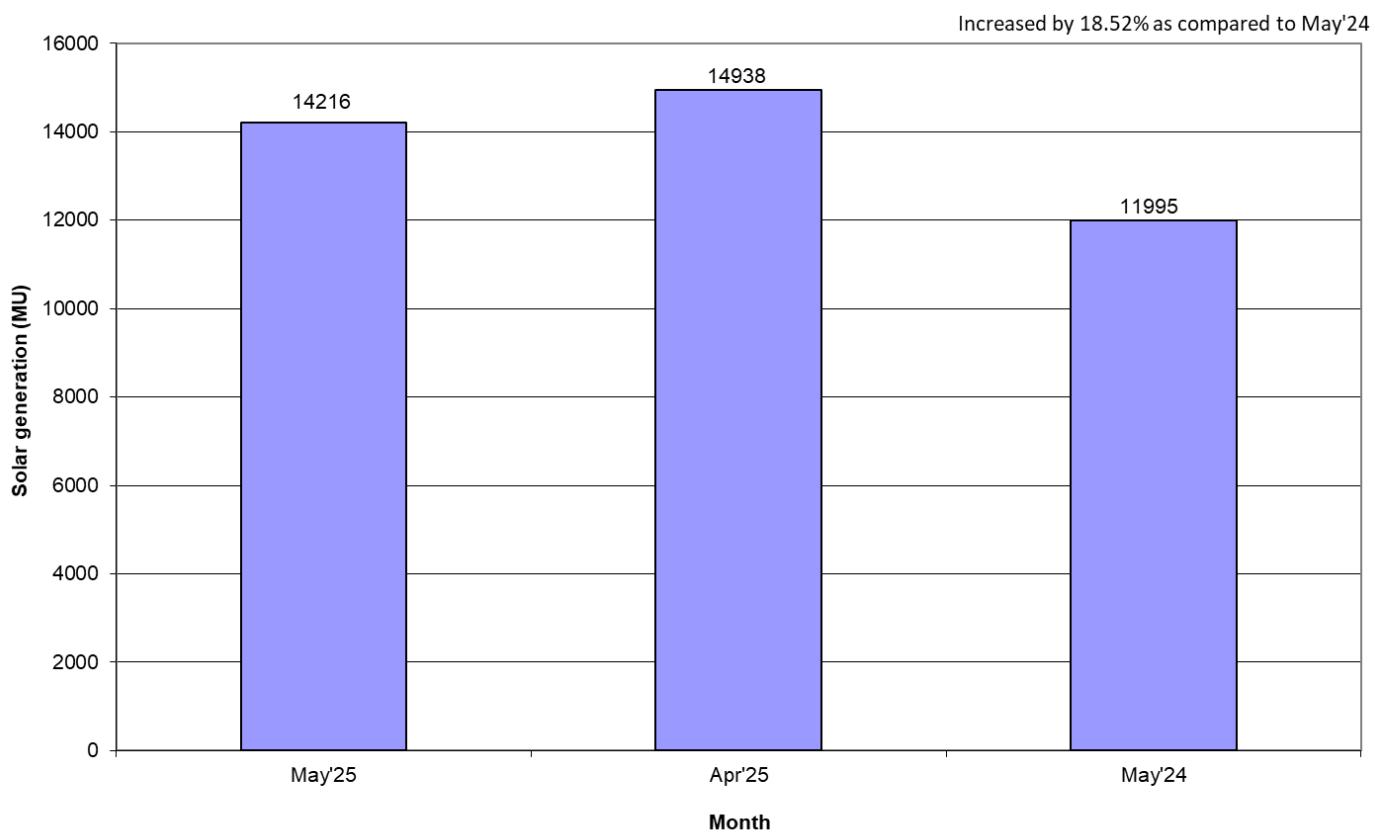


AVERAGE WIND GENERATION AT NATIONAL LEVEL (MU/Day)

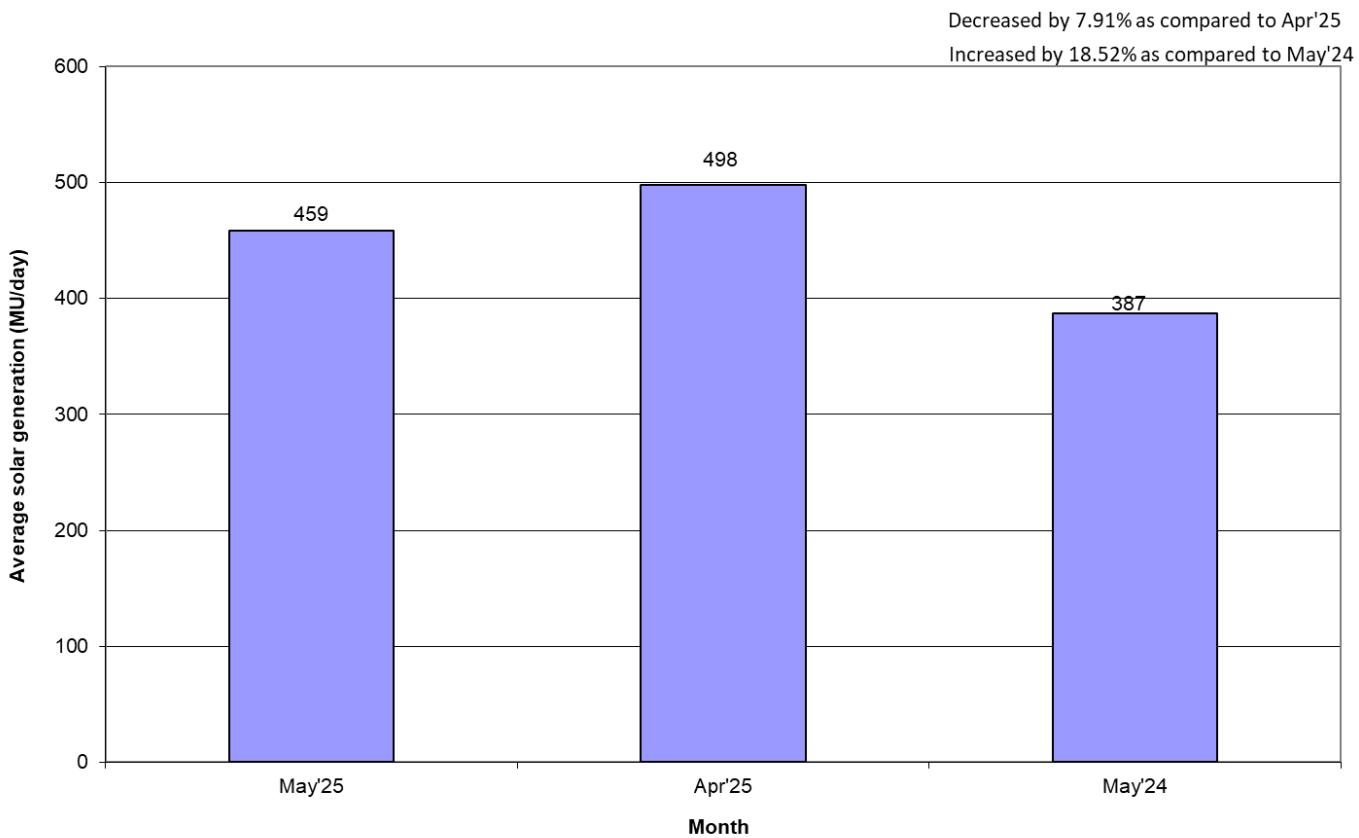
Increased by 43.51% as compared to Apr'25
Increased by 14.20% as compared to May'24



SOLAR GENERATION AT NATIONAL LEVEL (MU)



AVERAGE SOLAR GENERATION AT NATIONAL LEVEL (MU/Day)



2. ALL INDIA REGIONWISE INSTALLED CAPACITY

As on 31.05.2025

(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 | 48408 | 138809 |
| 2 | WR | 72948 | 1400 | 9399 | 0 | 83747 | 3240 | 7604 | 65118 | 159708 |
| 3 | SR | 50456 | 3640 | 3356 | 434 | 57885 | 3320 | 11927 | 62114 | 135247 |
| 4 | ER | 28775 | 0 | 0 | 0 | 28775 | 0 | 4862 | 2479 | 36116 |
| 5 | NER | 1242 | 0 | 1665 | 36 | 2943 | 0 | 1944 | 664 | 5551 |
| 6 | ISLANDS | 0 | 0 | 0 | 120 | 120 | 0 | 0 | 41 | 160 |
| ALL INDIA | | 212718 | 6620 | 20132 | 589 | 240060 | 8780 | 47928 | 178823 | 475590 |

Source: Central Electricity Authority

3. राष्ट्रीय स्तर पर संध्याकालीन शिखर अवधि की विद्युत मांग पृति
EVENING PEAK HOUR (at 20:00hrs) DEMAND MET AT NATIONAL LEVEL

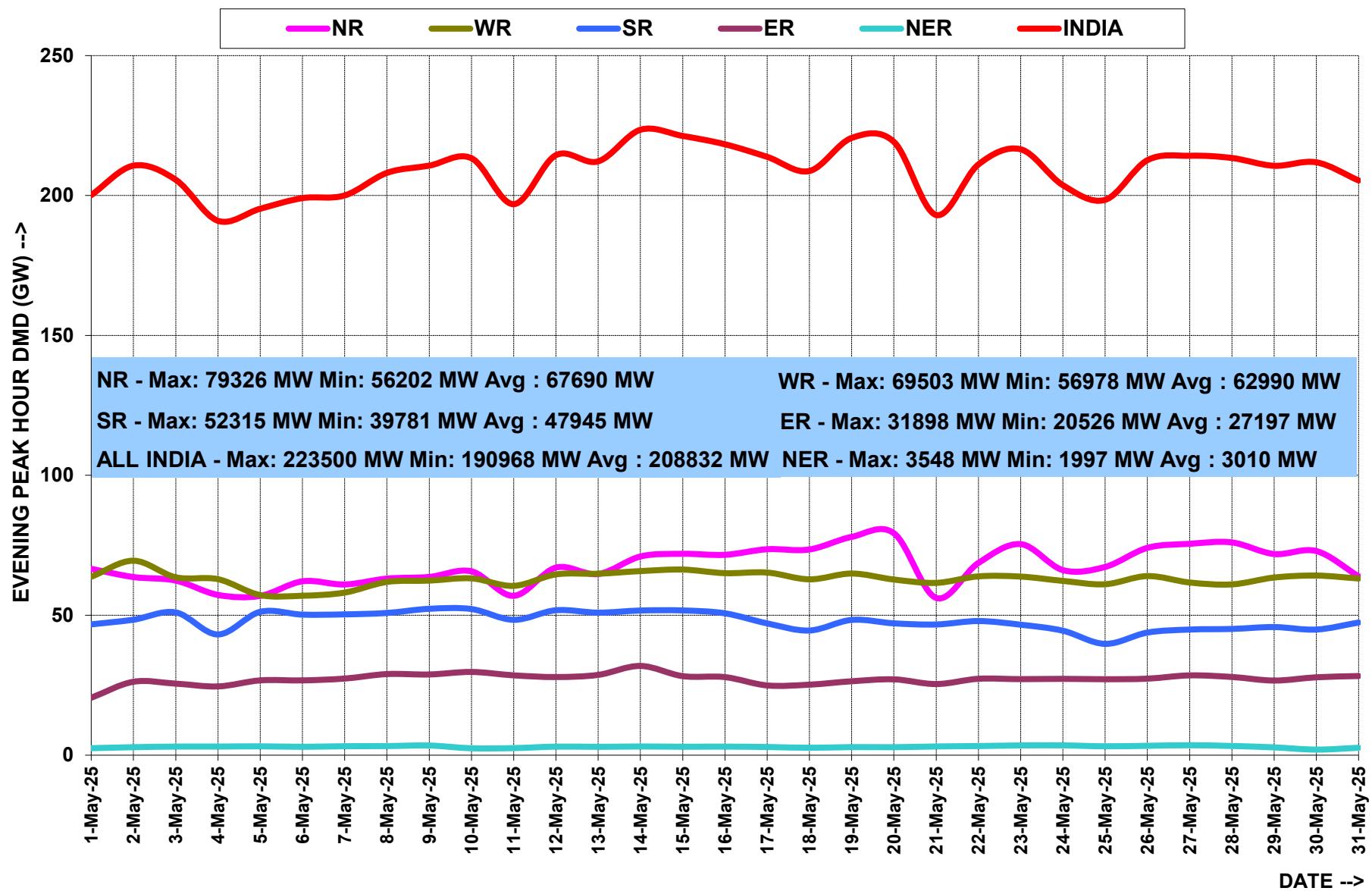
माह: मई 2025 MONTH:- MAY 2025

सभी आंकड़े मेगावाट मे All figures in MW

| दिनांक Date | ऊतरी क्षे. NR | पश्चिमी क्षे. WR | दक्षिणी क्षे. SR | पूर्वी क्षे. ER | पूर्वोत्तर क्षे. NER | कुल TOTAL |
|----------------------------------|------------------|---------------------|---------------------|--------------------|-------------------------|--------------|
| 1-May-25 | 66594 | 63775 | 46744 | 20526 | 2499 | 200138 |
| 2-May-25 | 63661 | 69503 | 48417 | 26239 | 2853 | 210673 |
| 3-May-25 | 62400 | 63568 | 51026 | 25570 | 3076 | 205640 |
| 4-May-25 | 57272 | 62897 | 43143 | 24574 | 3082 | 190968 |
| 5-May-25 | 56924 | 57217 | 51238 | 26734 | 3166 | 195279 |
| 6-May-25 | 62144 | 56978 | 50232 | 26723 | 2998 | 199075 |
| 7-May-25 | 61009 | 58109 | 50320 | 27381 | 3206 | 200025 |
| 8-May-25 | 63101 | 61919 | 50825 | 28988 | 3254 | 208087 |
| 9-May-25 | 63685 | 62383 | 52315 | 28843 | 3447 | 210673 |
| 10-May-25 | 65706 | 63191 | 52223 | 29747 | 2474 | 213341 |
| 11-May-25 | 56959 | 60508 | 48381 | 28530 | 2529 | 196907 |
| 12-May-25 | 67039 | 64605 | 51796 | 27921 | 3054 | 214415 |
| 13-May-25 | 64734 | 64850 | 50933 | 28700 | 2988 | 212205 |
| 14-May-25 | 71006 | 65790 | 51699 | 31898 | 3107 | 223500 |
| 15-May-25 | 71963 | 66333 | 51720 | 28252 | 3022 | 221290 |
| 16-May-25 | 71608 | 65049 | 50695 | 27904 | 3060 | 218316 |
| 17-May-25 | 73595 | 65266 | 47103 | 24927 | 2931 | 213822 |
| 18-May-25 | 73515 | 62838 | 44554 | 25202 | 2651 | 208760 |
| 19-May-25 | 78012 | 64914 | 48338 | 26416 | 2892 | 220572 |
| 20-May-25 | 79326 | 62769 | 47116 | 27110 | 2857 | 219178 |
| 21-May-25 | 56202 | 61577 | 46714 | 25422 | 3119 | 193034 |
| 22-May-25 | 68694 | 63903 | 47936 | 27301 | 3264 | 211098 |
| 23-May-25 | 75428 | 63824 | 46629 | 27170 | 3476 | 216527 |
| 24-May-25 | 66147 | 62283 | 44478 | 27282 | 3502 | 203692 |
| 25-May-25 | 67271 | 61085 | 39781 | 27145 | 3175 | 198457 |
| 26-May-25 | 74094 | 64008 | 43816 | 27346 | 3355 | 212619 |
| 27-May-25 | 75539 | 61712 | 44897 | 28515 | 3548 | 214211 |
| 28-May-25 | 76028 | 61035 | 45118 | 27950 | 3287 | 213418 |
| 29-May-25 | 71890 | 63483 | 45787 | 26676 | 2789 | 210625 |
| 30-May-25 | 72942 | 64184 | 44904 | 27840 | 1997 | 211867 |
| 31-May-25 | 63911 | 63145 | 47405 | 28282 | 2646 | 205389 |
| उच्चतम MAXIMUM | 79326 | 69503 | 52315 | 31898 | 3548 | 223500 |
| निम्नतम MINIMUM | 56202 | 56978 | 39781 | 20526 | 1997 | 190968 |
| औसत AVERAGE | 67690 | 62990 | 47945 | 27197 | 3010 | 208832 |
| अब तक का उच्चतम All Time Max. | 82312 | 71713 | 55925 | 31898 | 3787 | 227354 |
| दिनांक Date | 23.07.24 | 24.04.25 | 28.03.25 | 14.05.25 | 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 MAY' 2025



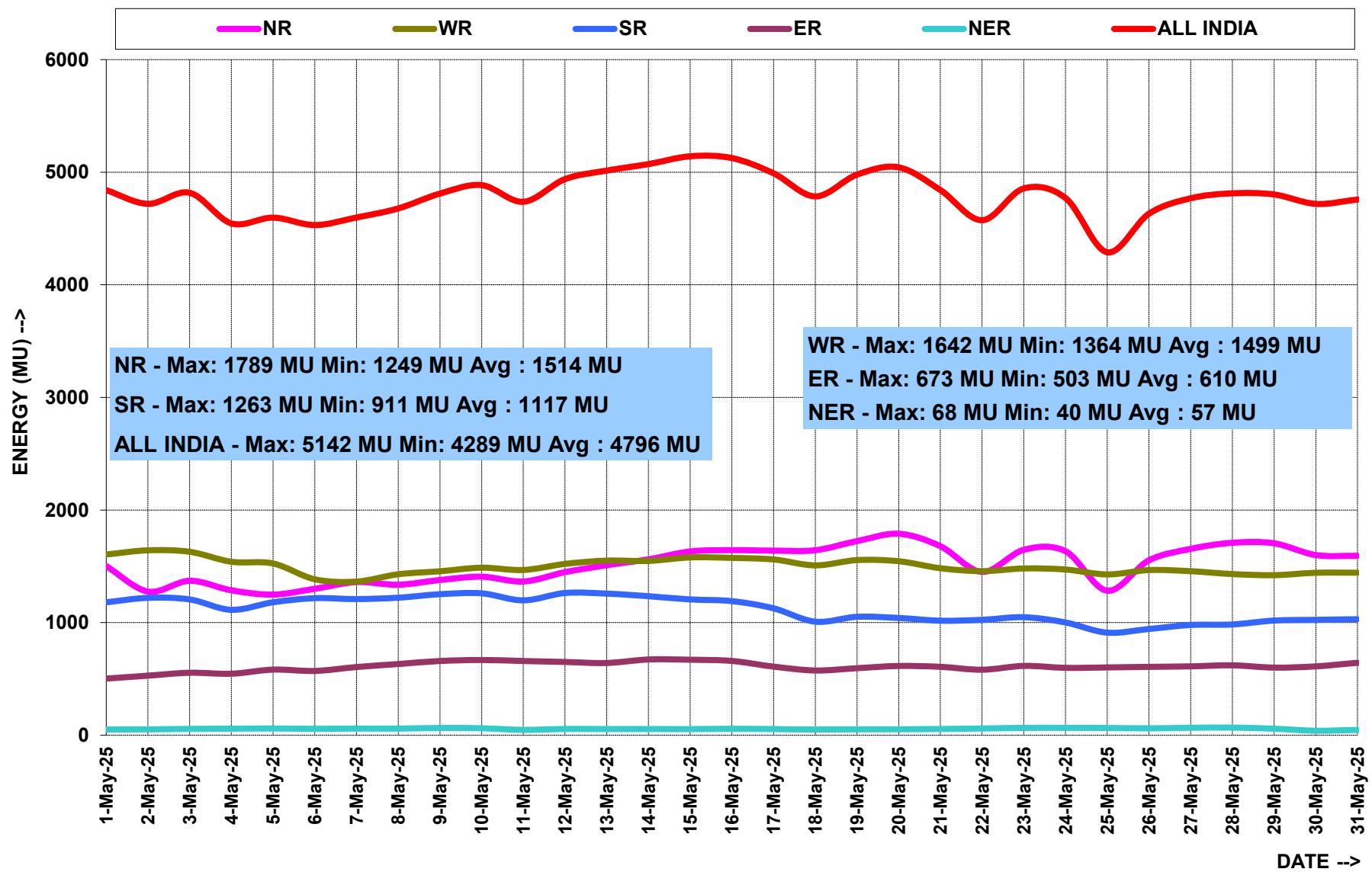
4. राष्ट्रीय स्तर पर विद्युत ऊर्जा आपूर्ति ENERGY MET AT NATIONAL LEVEL

माह: मई 2025 MONTH:- MAY 2025

सभी आंकड़े मिलियन यूनिट में All figures in MU

| दिनांक Date | ऊतरी क्षे. NR | पश्चिमी क्षे. WR | दक्षिणी क्षे. SR | पूर्वी क्षे. ER | पूर्वतर क्षे. NER | कुल TOTAL |
|-------------------------------------|------------------|---------------------|---------------------|--------------------|----------------------|--------------|
| 01-May-25 | 1502 | 1605 | 1181 | 503 | 50 | 4841 |
| 02-May-25 | 1276 | 1642 | 1220 | 529 | 52 | 4719 |
| 03-May-25 | 1372 | 1629 | 1206 | 555 | 56 | 4817 |
| 04-May-25 | 1287 | 1541 | 1114 | 546 | 58 | 4545 |
| 05-May-25 | 1249 | 1525 | 1181 | 583 | 60 | 4597 |
| 06-May-25 | 1301 | 1385 | 1217 | 571 | 57 | 4531 |
| 07-May-25 | 1360 | 1364 | 1209 | 605 | 59 | 4598 |
| 08-May-25 | 1336 | 1429 | 1221 | 632 | 59 | 4678 |
| 09-May-25 | 1379 | 1456 | 1252 | 659 | 64 | 4810 |
| 10-May-25 | 1408 | 1488 | 1260 | 668 | 62 | 4886 |
| 11-May-25 | 1365 | 1468 | 1198 | 659 | 48 | 4737 |
| 12-May-25 | 1448 | 1522 | 1263 | 651 | 55 | 4939 |
| 13-May-25 | 1510 | 1551 | 1258 | 642 | 55 | 5015 |
| 14-May-25 | 1562 | 1548 | 1235 | 673 | 55 | 5072 |
| 15-May-25 | 1632 | 1579 | 1206 | 670 | 54 | 5142 |
| 16-May-25 | 1643 | 1575 | 1191 | 660 | 57 | 5126 |
| 17-May-25 | 1639 | 1561 | 1127 | 609 | 54 | 4990 |
| 18-May-25 | 1643 | 1509 | 1008 | 575 | 51 | 4785 |
| 19-May-25 | 1724 | 1555 | 1052 | 595 | 53 | 4979 |
| 20-May-25 | 1789 | 1545 | 1041 | 615 | 53 | 5043 |
| 21-May-25 | 1679 | 1483 | 1017 | 607 | 55 | 4841 |
| 22-May-25 | 1450 | 1457 | 1025 | 582 | 60 | 4573 |
| 23-May-25 | 1647 | 1481 | 1048 | 616 | 65 | 4856 |
| 24-May-25 | 1634 | 1472 | 1001 | 598 | 65 | 4771 |
| 25-May-25 | 1284 | 1428 | 911 | 602 | 64 | 4289 |
| 26-May-25 | 1553 | 1467 | 944 | 607 | 61 | 4631 |
| 27-May-25 | 1655 | 1457 | 979 | 612 | 66 | 4768 |
| 28-May-25 | 1709 | 1431 | 984 | 621 | 68 | 4813 |
| 29-May-25 | 1704 | 1421 | 1018 | 600 | 58 | 4802 |
| 30-May-25 | 1600 | 1443 | 1025 | 611 | 40 | 4719 |
| 31-May-25 | 1593 | 1443 | 1030 | 644 | 47 | 4757 |
| कुल TOTAL | 46932 | 46458 | 34621 | 18900 | 1761 | 148671 |
| उच्चतम MAXIMUM | 1789 | 1642 | 1263 | 673 | 68 | 5142 |
| निम्नतम MINIMUM | 1249 | 1364 | 911 | 503 | 40 | 4289 |
| औसत AVERAGE | 1514 | 1499 | 1117 | 610 | 57 | 4796 |
| संचयी 2025-26 Cumulative 2025-26 | 86635 | 96789 | 73081 | 36238 | 3413 | 296156 |
| 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 MAY' 2025



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 और सरलीकृत फ्रेक्वेंसी | |
| % समय | Apr-25 | All India Grid | 5.16 | 75.64 | 19.20 | 50.49 | 49.42 | 50.00 |
| | May-25 | All India Grid | 3.60 | 73.30 | 23.11 | 50.49 | 49.59 | 50.02 |
| | 2025-26 (upto May) | All India Grid | 4.37 | 74.45 | 21.18 | 50.49 | 49.42 | 50.01 |

5.1 मई 2025 के लिए आवृत्ति रूपरेखा FREQUENCY PROFILE FOR MAY 2025

| फ्रिक्वेंसी रूपरेखा (Hz) | <49.9 | 49.9-50.05 | >50.05 | उच्चतम फ्रिक्वेंसी | निम्नतम फ्रिक्वेंसी | औसत फ्रिक्वेंसी | एफ.वी.आई. | |
|--------------------------|-----------|------------|--------|--------------------|---------------------|-----------------|-----------|------|
| % समय | 01-May-25 | 1.77 | 66.92 | 31.31 | 50.35 | 49.82 | 50.04 | 0.07 |
| | 02-May-25 | 2.87 | 59.76 | 37.37 | 50.25 | 49.80 | 50.03 | 0.05 |
| | 03-May-25 | 2.13 | 81.76 | 16.11 | 50.29 | 49.83 | 50.01 | 0.03 |
| | 04-May-25 | 2.09 | 70.96 | 26.94 | 50.42 | 49.85 | 50.03 | 0.09 |
| | 05-May-25 | 5.23 | 65.67 | 29.10 | 50.34 | 49.76 | 50.01 | 0.06 |
| | 06-May-25 | 4.13 | 73.99 | 21.88 | 50.37 | 49.76 | 50.01 | 0.05 |
| | 07-May-25 | 2.96 | 84.06 | 12.97 | 50.24 | 49.83 | 50.00 | 0.03 |
| | 08-May-25 | 5.97 | 76.00 | 18.03 | 50.25 | 49.63 | 50.00 | 0.04 |
| | 09-May-25 | 7.50 | 79.56 | 12.94 | 50.18 | 49.79 | 49.99 | 0.03 |
| | 10-May-25 | 5.84 | 66.77 | 27.38 | 50.25 | 49.66 | 50.01 | 0.06 |
| | 11-May-25 | 5.73 | 75.81 | 18.46 | 50.21 | 49.65 | 50.00 | 0.04 |
| | 12-May-25 | 2.93 | 81.64 | 15.43 | 50.23 | 49.79 | 50.00 | 0.03 |
| | 13-May-25 | 2.48 | 81.81 | 15.72 | 50.17 | 49.84 | 50.00 | 0.02 |
| | 14-May-25 | 3.13 | 86.05 | 10.82 | 50.25 | 49.84 | 50.00 | 0.03 |
| | 15-May-25 | 3.43 | 77.22 | 19.35 | 50.19 | 49.82 | 50.00 | 0.03 |
| | 16-May-25 | 3.45 | 81.16 | 15.39 | 50.23 | 49.73 | 50.00 | 0.03 |
| | 17-May-25 | 1.99 | 82.27 | 15.74 | 50.21 | 49.86 | 50.00 | 0.03 |
| | 18-May-25 | 2.38 | 64.34 | 33.28 | 50.49 | 49.78 | 50.06 | 0.18 |
| | 19-May-25 | 0.80 | 91.40 | 7.80 | 50.22 | 49.86 | 49.99 | 0.02 |
| | 20-May-25 | 1.30 | 82.85 | 15.86 | 50.19 | 49.87 | 50.00 | 0.02 |
| | 21-May-25 | 3.09 | 70.41 | 26.50 | 50.32 | 49.80 | 50.01 | 0.05 |
| | 22-May-25 | 5.34 | 57.22 | 37.44 | 50.49 | 49.59 | 50.06 | 0.22 |
| | 23-May-25 | 8.46 | 67.91 | 23.63 | 50.28 | 49.81 | 50.00 | 0.05 |
| | 24-May-25 | 2.06 | 71.35 | 26.59 | 50.22 | 49.84 | 50.01 | 0.04 |
| | 25-May-25 | 1.54 | 68.87 | 29.59 | 50.45 | 49.82 | 50.04 | 0.11 |
| | 26-May-25 | 7.41 | 68.01 | 24.58 | 50.35 | 49.66 | 50.01 | 0.09 |
| | 27-May-25 | 1.86 | 76.00 | 22.14 | 50.40 | 49.83 | 50.02 | 0.05 |
| | 28-May-25 | 3.98 | 68.85 | 27.16 | 50.27 | 49.83 | 50.02 | 0.05 |
| | 29-May-25 | 3.39 | 60.29 | 36.32 | 50.34 | 49.80 | 50.04 | 0.07 |
| | 30-May-25 | 0.71 | 70.58 | 28.72 | 50.44 | 49.85 | 50.04 | 0.09 |
| | 31-May-25 | 5.50 | 62.69 | 31.82 | 50.45 | 49.84 | 50.03 | 0.12 |

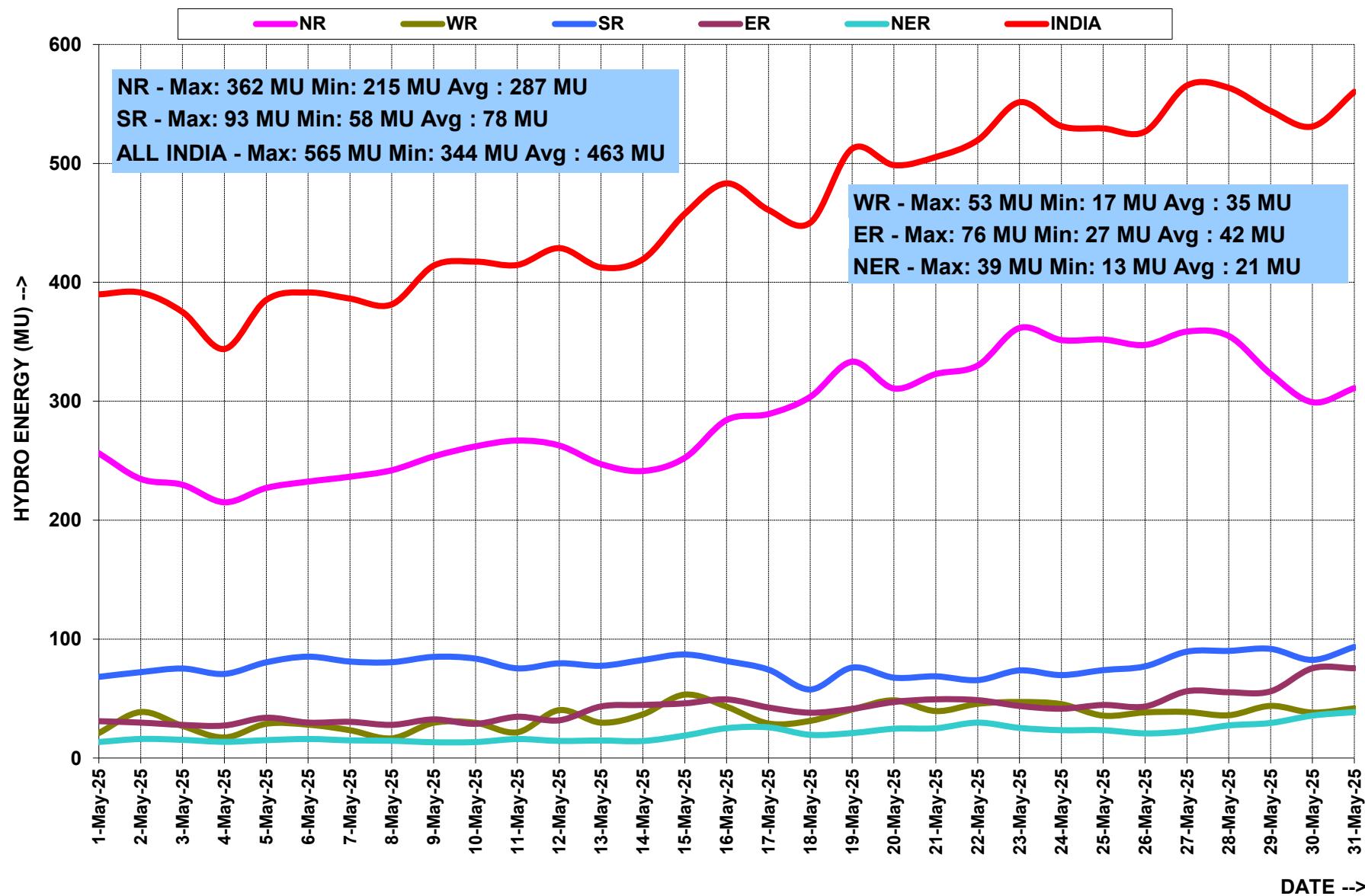
6. राष्ट्रीय स्तर पर जल विद्युत उत्पादन
HYDRO GENERATION AT NATIONAL LEVEL

माह: मई 2025 MONTH:- MAY 2025

सभी आंकड़े मिलियन यूनिट में All figures in MU

| दिनांक Date | ऊतरी क्षे. NR | पश्चिमी क्षे. WR | दक्षिणी क्षे. SR | पूर्वी क्षे. ER | पूर्वतर क्षे. NER | कुल TOTAL |
|-------------------------------------|------------------|---------------------|---------------------|--------------------|----------------------|--------------|
| 01-May-25 | 256 | 21 | 68 | 31 | 13 | 390 |
| 02-May-25 | 235 | 39 | 72 | 30 | 16 | 391 |
| 03-May-25 | 230 | 27 | 75 | 28 | 15 | 375 |
| 04-May-25 | 215 | 17 | 71 | 27 | 14 | 344 |
| 05-May-25 | 227 | 29 | 80 | 34 | 15 | 385 |
| 06-May-25 | 232 | 28 | 85 | 30 | 16 | 391 |
| 07-May-25 | 237 | 23 | 81 | 30 | 15 | 386 |
| 08-May-25 | 242 | 17 | 81 | 28 | 15 | 381 |
| 09-May-25 | 254 | 30 | 85 | 32 | 13 | 414 |
| 10-May-25 | 262 | 30 | 84 | 29 | 13 | 417 |
| 11-May-25 | 267 | 22 | 75 | 35 | 16 | 415 |
| 12-May-25 | 263 | 40 | 80 | 32 | 14 | 429 |
| 13-May-25 | 247 | 30 | 78 | 43 | 15 | 413 |
| 14-May-25 | 241 | 37 | 82 | 45 | 14 | 419 |
| 15-May-25 | 252 | 53 | 87 | 46 | 19 | 458 |
| 16-May-25 | 284 | 43 | 82 | 49 | 25 | 483 |
| 17-May-25 | 289 | 29 | 74 | 43 | 26 | 461 |
| 18-May-25 | 304 | 31 | 58 | 38 | 20 | 450 |
| 19-May-25 | 333 | 41 | 76 | 41 | 21 | 512 |
| 20-May-25 | 311 | 49 | 68 | 47 | 25 | 499 |
| 21-May-25 | 323 | 39 | 69 | 49 | 25 | 505 |
| 22-May-25 | 330 | 46 | 66 | 49 | 30 | 520 |
| 23-May-25 | 362 | 47 | 74 | 44 | 25 | 551 |
| 24-May-25 | 351 | 45 | 70 | 41 | 23 | 531 |
| 25-May-25 | 352 | 36 | 74 | 45 | 23 | 529 |
| 26-May-25 | 347 | 38 | 77 | 43 | 21 | 527 |
| 27-May-25 | 359 | 39 | 89 | 56 | 23 | 565 |
| 28-May-25 | 355 | 36 | 90 | 55 | 27 | 564 |
| 29-May-25 | 323 | 44 | 92 | 56 | 29 | 544 |
| 30-May-25 | 299 | 38 | 83 | 75 | 36 | 531 |
| 31-May-25 | 311 | 42 | 93 | 76 | 39 | 560 |
| कुल TOTAL | 8893 | 1084 | 2417 | 1307 | 641 | 14343 |
| उच्चतम MAXIMUM | 362 | 53 | 93 | 76 | 39 | 565 |
| निम्नतम MINIMUM | 215 | 17 | 58 | 27 | 13 | 344 |
| औसत AVERAGE | 287 | 35 | 78 | 42 | 21 | 463 |
| संचयी 2025-26 Cumulative 2025-26 | 14355 | 2431 | 4606 | 2134 | 977 | 24503 |
| 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 MAY' 2025



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

माह: मई 2025 MONTH:- MAY 2025

सभी आंकड़े मिलियन यूनिट में All figures in MU

| दिनांक Date | उत्तरी क्षे. NR | पश्चिमी क्षे. WR | दक्षिणी क्षे. SR | पूर्वी क्षे. ER | पूर्वोत्तर क्षे. NER | कुल TOTAL |
|-------------------------------------|--------------------|---------------------|---------------------|--------------------|-------------------------|-----------------|
| 01-May-25 | 25 | 189 | 68 | ----- | ----- | 281 |
| 02-May-25 | 17 | 165 | 63 | ----- | ----- | 246 |
| 03-May-25 | 19 | 182 | 94 | ----- | ----- | 295 |
| 04-May-25 | 20 | 174 | 88 | ----- | ----- | 282 |
| 05-May-25 | 22 | 143 | 58 | ----- | ----- | 223 |
| 06-May-25 | 12 | 108 | 67 | ----- | ----- | 187 |
| 07-May-25 | 8 | 106 | 71 | ----- | ----- | 185 |
| 08-May-25 | 20 | 80 | 77 | ----- | ----- | 176 |
| 09-May-25 | 20 | 65 | 54 | ----- | ----- | 139 |
| 10-May-25 | 6 | 72 | 66 | ----- | ----- | 144 |
| 11-May-25 | 16 | 77 | 92 | ----- | ----- | 185 |
| 12-May-25 | 44 | 74 | 120 | ----- | ----- | 238 |
| 13-May-25 | 40 | 97 | 106 | ----- | ----- | 243 |
| 14-May-25 | 28 | 88 | 64 | ----- | ----- | 180 |
| 15-May-25 | 29 | 73 | 60 | ----- | ----- | 162 |
| 16-May-25 | 49 | 107 | 86 | ----- | ----- | 242 |
| 17-May-25 | 47 | 115 | 85 | ----- | ----- | 247 |
| 18-May-25 | 54 | 83 | 66 | ----- | ----- | 202 |
| 19-May-25 | 61 | 84 | 45 | ----- | ----- | 190 |
| 20-May-25 | 37 | 82 | 115 | ----- | ----- | 234 |
| 21-May-25 | 44 | 82 | 156 | ----- | ----- | 283 |
| 22-May-25 | 44 | 90 | 156 | ----- | ----- | 290 |
| 23-May-25 | 46 | 94 | 165 | ----- | ----- | 305 |
| 24-May-25 | 25 | 156 | 209 | ----- | ----- | 390 |
| 25-May-25 | 14 | 145 | 210 | ----- | ----- | 369 |
| 26-May-25 | 23 | 154 | 263 | ----- | ----- | 440 |
| 27-May-25 | 18 | 202 | 282 | ----- | ----- | 502 |
| 28-May-25 | 19 | 199 | 259 | ----- | ----- | 477 |
| 29-May-25 | 31 | 184 | 236 | ----- | ----- | 451 |
| 30-May-25 | 33 | 287 | 269 | ----- | ----- | 589 |
| 31-May-25 | 63 | 315 | 262 | ----- | ----- | 640 |
| कुल TOTAL | 933 | 4071 | 4013 | ----- | ----- | 9017 |
| उच्चतम MAXIMUM | 63 | 315 | 282 | ----- | ----- | 640 |
| निम्नतम MINIMUM | 6 | 65 | 45 | ----- | ----- | 139 |
| औसत AVERAGE | 30 | 131 | 129 | ----- | ----- | 291 |
| संचयी 2025-26 Cumulative 2025-26 | 1596 | 7976 | 5525 | ----- | ----- | 15097 |
| अब तक का उच्चतम All Time Max. | 86 | 315 | 323 | ----- | ----- | 640 |
| दिनांक Date | 07.08.23 | 31.05.25 | 26.07.24 | ----- | ----- | 31.05.25 |

*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: मई 2025 MONTH:- MAY 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-May-25 | 192 | 155 | 140 | 3.8 | 0.5 | 491 |
| 02-May-25 | 180 | 153 | 135 | 4.7 | 1.1 | 473 |
| 03-May-25 | 193 | 149 | 140 | 3.7 | 1.2 | 487 |
| 04-May-25 | 186 | 133 | 140 | 4.2 | 1.1 | 464 |
| 05-May-25 | 165 | 127 | 140 | 4.2 | 0.9 | 437 |
| 06-May-25 | 191 | 114 | 143 | 3.7 | 0.9 | 453 |
| 07-May-25 | 207 | 116 | 140 | 4.0 | 1.1 | 469 |
| 08-May-25 | 198 | 132 | 143 | 4.0 | 0.8 | 478 |
| 09-May-25 | 194 | 135 | 151 | 3.9 | 1.1 | 485 |
| 10-May-25 | 206 | 132 | 139 | 4.1 | 1.1 | 483 |
| 11-May-25 | 204 | 131 | 137 | 3.9 | 0.7 | 476 |
| 12-May-25 | 210 | 132 | 139 | 4.0 | 0.8 | 486 |
| 13-May-25 | 214 | 140 | 136 | 3.7 | 0.6 | 495 |
| 14-May-25 | 219 | 144 | 137 | 3.1 | 0.7 | 504 |
| 15-May-25 | 220 | 137 | 129 | 3.7 | 0.6 | 490 |
| 16-May-25 | 218 | 144 | 126 | 3.7 | 0.7 | 492 |
| 17-May-25 | 217 | 147 | 108 | 3.9 | 0.7 | 477 |
| 18-May-25 | 216 | 144 | 121 | 3.7 | 0.5 | 486 |
| 19-May-25 | 216 | 146 | 96 | 3.2 | 0.8 | 462 |
| 20-May-25 | 215 | 136 | 107 | 4.1 | 0.5 | 462 |
| 21-May-25 | 220 | 133 | 105 | 3.6 | 0.5 | 462 |
| 22-May-25 | 214 | 137 | 120 | 3.1 | 0.7 | 474 |
| 23-May-25 | 220 | 138 | 129 | 2.6 | 1.0 | 491 |
| 24-May-25 | 213 | 129 | 102 | 3.1 | 0.9 | 448 |
| 25-May-25 | 140 | 118 | 89 | 2.8 | 0.9 | 350 |
| 26-May-25 | 188 | 126 | 78 | 3.2 | 0.7 | 395 |
| 27-May-25 | 190 | 111 | 90 | 2.8 | 1.1 | 394 |
| 28-May-25 | 170 | 120 | 103 | 3.0 | 1.1 | 397 |
| 29-May-25 | 184 | 129 | 99 | 3.0 | 0.4 | 415 |
| 30-May-25 | 172 | 132 | 97 | 3.1 | 0.2 | 405 |
| 31-May-25 | 171 | 134 | 125 | 3.1 | 0.5 | 433 |
| कुल TOTAL | 6143 | 4153 | 3784 | 111 | 24 | 14216 |
| उच्चतम MAXIMUM | 220 | 155 | 151 | 4.7 | 1.2 | 504 |
| निम्नतम MINIMUM | 140 | 111 | 78 | 2.6 | 0.2 | 350 |
| औसत AVERAGE | 198 | 134 | 122 | 3.6 | 0.8 | 459 |
| संचयी 2025-26 Cumulative 2025-26 | 12425 | 8557 | 7902 | 219 | 51.7 | 29154 |
| 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.

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

माह: मई 2025 MONTH:- MAY 2025

सभी आंकड़े मेगावाट में All figures in MW

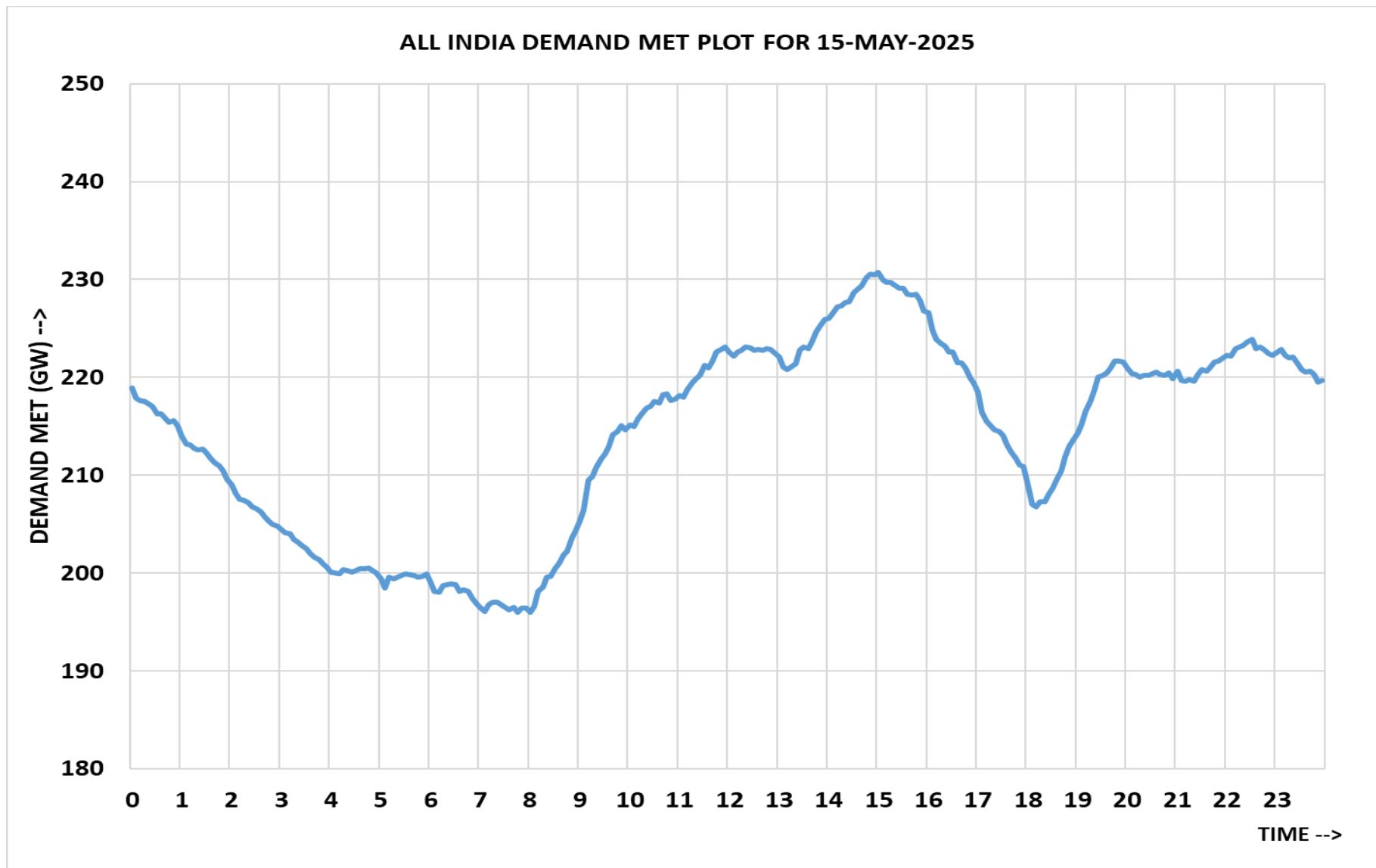
| दिनांक Date | उत्तरी क्षे. NR | पश्चिमी क्षे. WR | दक्षिणी क्षे. SR | पूर्वी क्षे. ER | पूर्वोत्तर क्षे. NER | कुल TOTAL | विभिन्नता फैक्टर Diversity Factor* |
|----------------------------------|--------------------|---------------------|---------------------|--------------------|-------------------------|--------------|---------------------------------------|
| 01-May-25 | 68969 | 72275 | 54485 | 24317 | 2616 | 215096 | 1.035 |
| 02-May-25 | 64381 | 76526 | 59186 | 26545 | 2946 | 213636 | 1.075 |
| 03-May-25 | 63903 | 72349 | 57363 | 25861 | 3078 | 214714 | 1.037 |
| 04-May-25 | 61474 | 68040 | 49700 | 26056 | 3155 | 202747 | 1.028 |
| 05-May-25 | 58042 | 69749 | 56831 | 27131 | 3276 | 208328 | 1.032 |
| 06-May-25 | 62761 | 61146 | 57924 | 27849 | 3108 | 202394 | 1.051 |
| 07-May-25 | 62407 | 58435 | 57593 | 28223 | 3262 | 202213 | 1.038 |
| 08-May-25 | 63451 | 62162 | 57115 | 30579 | 3362 | 208590 | 1.039 |
| 09-May-25 | 64559 | 62927 | 59102 | 31347 | 3527 | 212517 | 1.042 |
| 10-May-25 | 65717 | 63943 | 59142 | 31977 | 3073 | 216414 | 1.034 |
| 11-May-25 | 63240 | 63370 | 54172 | 31715 | 2556 | 212447 | 1.012 |
| 12-May-25 | 68333 | 66211 | 61911 | 30945 | 3134 | 223579 | 1.031 |
| 13-May-25 | 69315 | 66106 | 60740 | 30844 | 3039 | 226127 | 1.017 |
| 14-May-25 | 72589 | 68030 | 60023 | 31898 | 3148 | 230007 | 1.025 |
| 15-May-25 | 73081 | 68699 | 57708 | 31636 | 3115 | 230993 | 1.014 |
| 16-May-25 | 75681 | 69043 | 55690 | 30106 | 3067 | 228757 | 1.021 |
| 17-May-25 | 77090 | 68776 | 52487 | 29384 | 3011 | 223508 | 1.032 |
| 18-May-25 | 78486 | 65065 | 45505 | 26570 | 2729 | 215854 | 1.012 |
| 19-May-25 | 80176 | 68594 | 49243 | 28270 | 3026 | 223891 | 1.024 |
| 20-May-25 | 82978 | 69655 | 47720 | 28583 | 2974 | 226936 | 1.022 |
| 21-May-25 | 81724 | 65426 | 47702 | 28279 | 3200 | 220795 | 1.025 |
| 22-May-25 | 73628 | 65973 | 48432 | 29046 | 3284 | 215308 | 1.023 |
| 23-May-25 | 79111 | 65190 | 47716 | 28650 | 3574 | 220359 | 1.018 |
| 24-May-25 | 78130 | 64060 | 45015 | 28641 | 3583 | 215361 | 1.019 |
| 25-May-25 | 70889 | 61698 | 40756 | 28809 | 3260 | 200719 | 1.023 |
| 26-May-25 | 77745 | 63482 | 44708 | 28330 | 3464 | 212993 | 1.022 |
| 27-May-25 | 79187 | 62652 | 45625 | 28912 | 3617 | 213435 | 1.031 |
| 28-May-25 | 79125 | 61536 | 45904 | 28335 | 3424 | 213192 | 1.024 |
| 29-May-25 | 78931 | 62457 | 45976 | 27496 | 2910 | 212469 | 1.025 |
| 30-May-25 | 77574 | 61824 | 47316 | 29556 | 2045 | 212060 | 1.029 |
| 31-May-25 | 75309 | 62919 | 47965 | 29877 | 2762 | 213922 | 1.023 |
| उच्चतम MAXIMUM | 82978 | 76526 | 61911 | 31977 | 3617 | 230993 | 1.075 |
| निम्नतम MINIMUM | 58042 | 58435 | 40756 | 24317 | 2045 | 200719 | 1.012 |
| औसत AVERAGE | 71871 | 65752 | 52283 | 28896 | 3107 | 215786 | 1.029 |
| 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

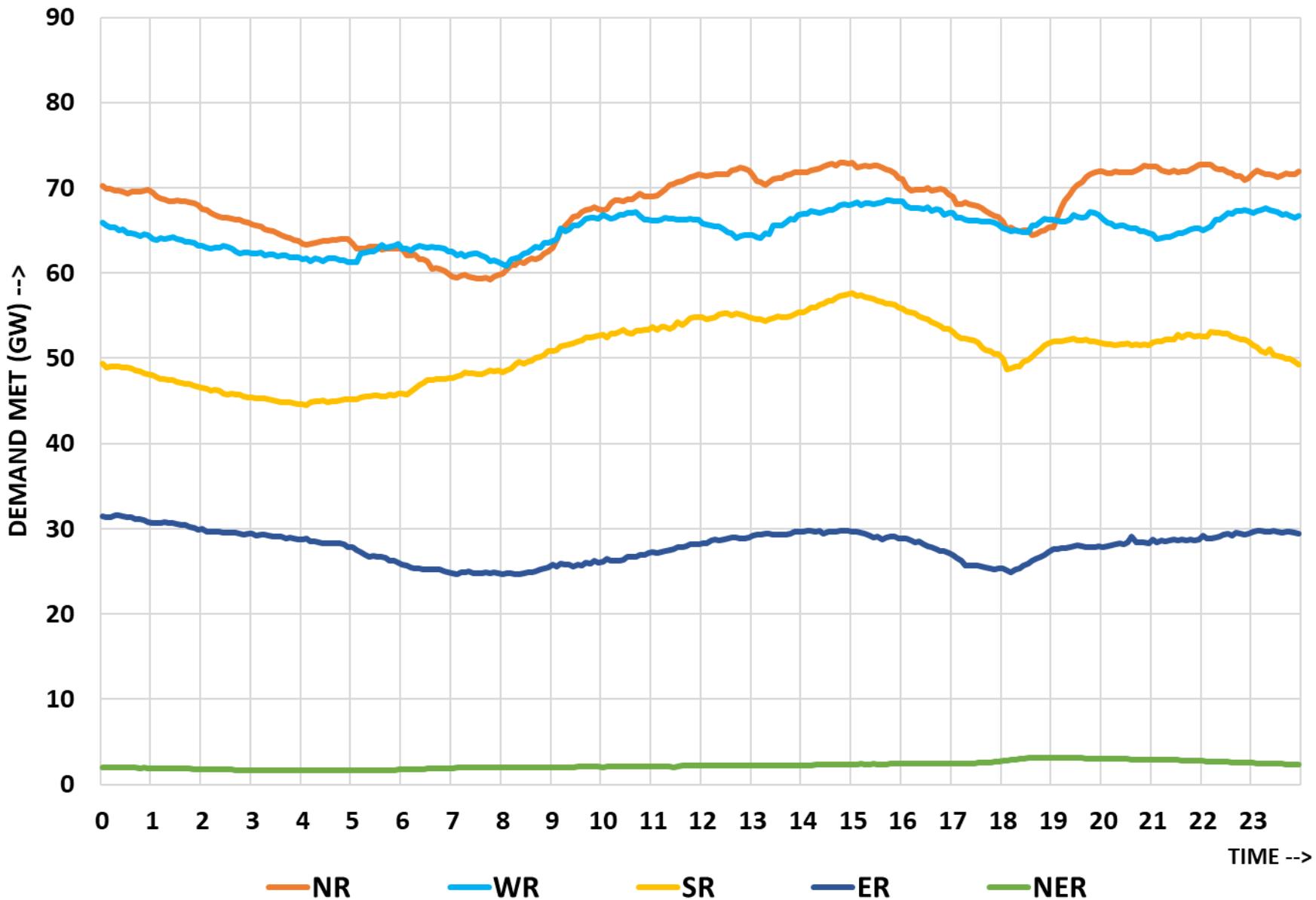
नोट : यह आंकड़े एनएलडीसी स्काडा प्रणाली में दर्ज दैनिक अधिकतम मांगपूर्ति दर्शाते हैं।

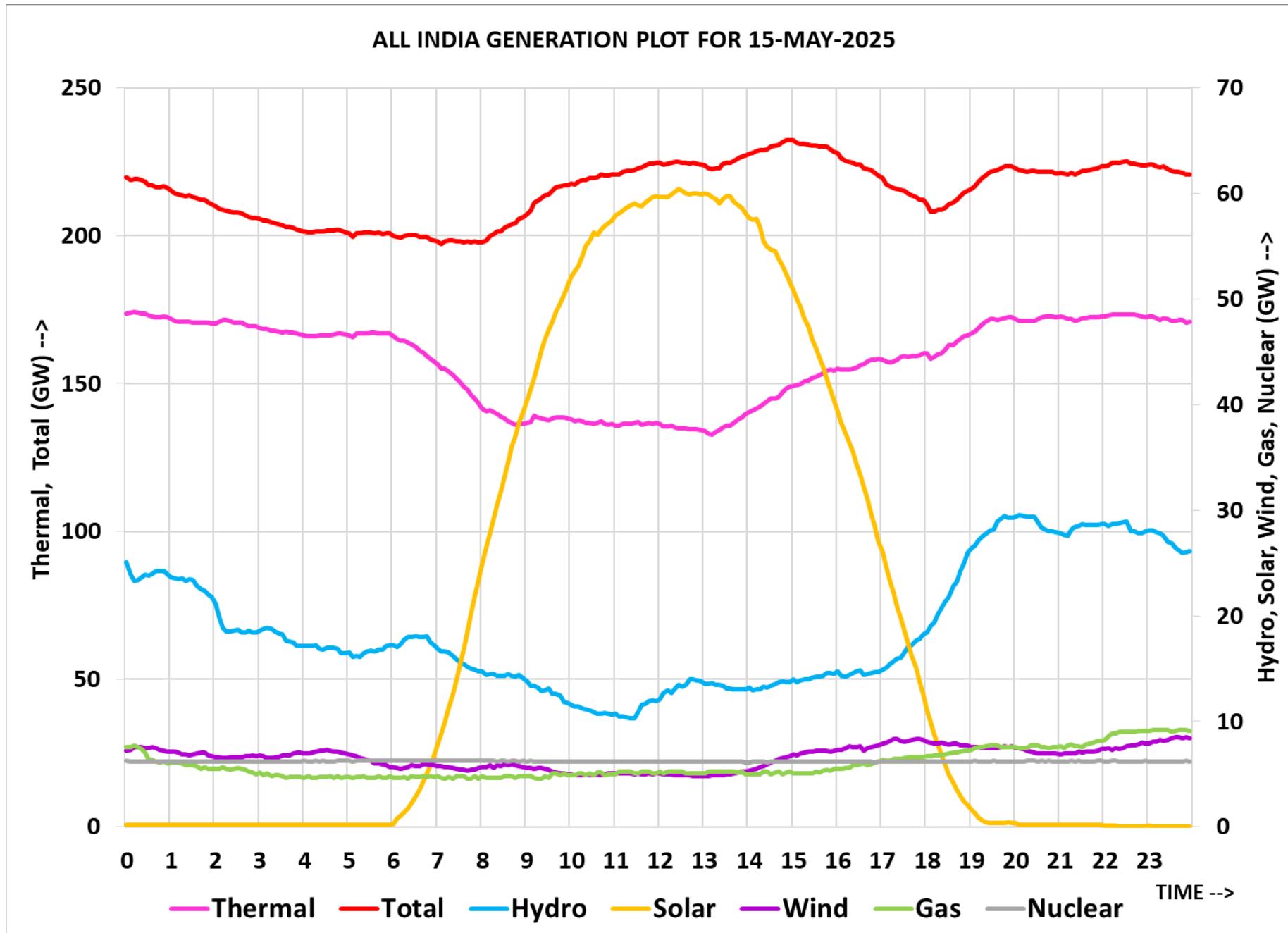
Note: The above figures denote daily maximum demand met recorded in NLDC SCADA.

10. DEMAND AND GENERATION PLOTS FOR 15thMAY (MAXIMUM DEMAND MET)

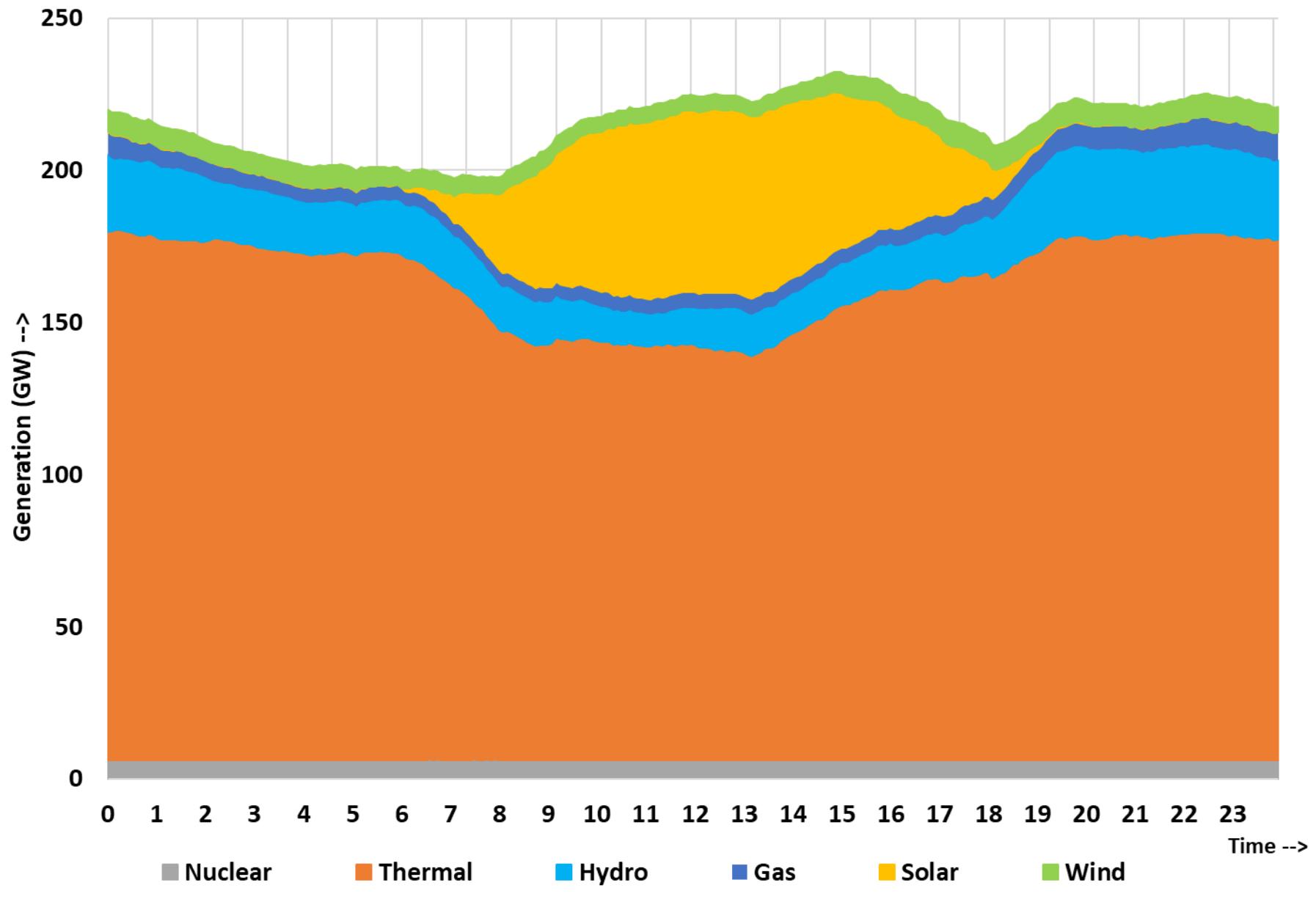


REGIONAL DEMAND MET PLOT FOR 15-MAY-2025





ALL INDIA FUEL-WISE GENERATION PATTERNS FOR 15-MAY-2025



15 मई 2025 (अधिकतम माँग) की आल इंडिया माँग आपूर्ति
ALL INDIA DEMAND MET FOR 15 MAY 2025 (MAXIMUM DEMAND*)

| Time (hrs) | All India Demand (MW) | Time (hrs) | All India Demand (MW) |
|------------|-----------------------|------------|-----------------------|
| 00:05 | 217848 | 12:05 | 222164 |
| 00:20 | 217249 | 12:20 | 223077 |
| 00:35 | 216291 | 12:35 | 222891 |
| 00:50 | 215545 | 12:50 | 222838 |
| 01:05 | 213171 | 13:05 | 221078 |
| 01:20 | 212622 | 13:20 | 221421 |
| 01:35 | 211768 | 13:35 | 220629 |
| 01:50 | 210422 | 13:50 | 225272 |
| 02:05 | 208153 | 14:05 | 226494 |
| 02:20 | 207157 | 14:20 | 227624 |
| 02:35 | 206260 | 14:35 | 229005 |
| 02:50 | 204991 | 14:50 | 230535 |
| 03:05 | 204096 | 15:05 | 229959 |
| 03:20 | 203143 | 15:20 | 229396 |
| 03:35 | 201993 | 15:35 | 228460 |
| 03:50 | 200971 | 15:50 | 227906 |
| 04:05 | 200044 | 16:05 | 224781 |
| 04:20 | 200232 | 16:20 | 223224 |
| 04:35 | 200452 | 16:35 | 221447 |
| 04:50 | 200275 | 16:50 | 219938 |
| 05:05 | 198428 | 17:05 | 216399 |
| 05:20 | 199559 | 17:20 | 214654 |
| 05:35 | 199854 | 17:35 | 213089 |
| 05:50 | 199682 | 17:50 | 211019 |
| 06:05 | 198145 | 18:05 | 206997 |
| 06:20 | 198775 | 18:20 | 207286 |
| 06:35 | 198094 | 18:35 | 209537 |
| 06:50 | 197467 | 18:50 | 212964 |
| 07:05 | 196061 | 19:05 | 215276 |
| 07:20 | 197032 | 19:20 | 218697 |
| 07:35 | 196251 | 19:35 | 220432 |
| 07:50 | 196393 | 19:50 | 221685 |
| 08:05 | 196566 | 20:05 | 220341 |
| 08:20 | 199564 | 20:20 | 220237 |
| 08:35 | 201019 | 20:35 | 220565 |
| 08:50 | 203606 | 20:50 | 220427 |
| 09:05 | 206448 | 21:05 | 219726 |
| 09:20 | 210795 | 21:20 | 219641 |
| 09:35 | 212895 | 21:35 | 220664 |
| 09:50 | 215048 | 21:50 | 221680 |
| 10:05 | 215009 | 22:05 | 222151 |
| 10:20 | 216828 | 22:20 | 223286 |
| 10:35 | 217368 | 22:35 | 222979 |
| 10:50 | 217644 | 22:50 | 222402 |
| 11:05 | 217958 | 23:05 | 222880 |
| 11:20 | 219818 | 23:20 | 222118 |
| 11:35 | 220930 | 23:35 | 220529 |
| 11:50 | 222852 | 23:50 | 219513 |

Maximum Demand of 230993MW met@ 14:59 hrs (from 1 min. interval SCADA DATA)

* 15 minute interval SCADA DATA of instantaneous demand

11. ACTUAL POWER SUPPLY POSITION - MAY 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 | 6 | 6 | 0.0 | 191 | 191 | 0 | 0.0 | 431 | 431 | 0 | 0.0 |
| | Delhi | 123 | 123 | 0.0 | 3814 | 3814 | 0 | 0.0 | 7748 | 7748 | 0 | 0.0 |
| | Haryana | 201 | 200 | -0.4 | 6227 | 6214 | -14 | -0.2 | 12526 | 12526 | 0 | 0.0 |
| | Himachal Pradesh | 36 | 36 | 0.0 | 1124 | 1124 | 0 | 0.0 | 1866 | 1866 | 0 | 0.0 |
| | J&K(UT) and Ladakh(UT) | 50 | 50 | 0.0 | 1557 | 1556 | -1 | 0.0 | 2797 | 2797 | 0 | 0.0 |
| | Punjab | 215 | 215 | 0.0 | 6651 | 6651 | 0 | 0.0 | 13969 | 13969 | 0 | 0.0 |
| | Rajasthan | 309 | 309 | 0.0 | 9588 | 9588 | 0 | 0.0 | 17336 | 17336 | 0 | 0.0 |
| | Uttar Pradesh | 515 | 515 | 0.0 | 15964 | 15964 | 0 | 0.0 | 29873 | 29873 | 0 | 0.0 |
| | Uttarakhand | 50 | 50 | 0.0 | 1551 | 1551 | 0 | 0.0 | 2668 | 2668 | 0 | 0.0 |
| | Railway_NR ISTS | 4 | 4 | 0.0 | 132 | 132 | 0 | 0.0 | 232 | 232 | 0 | 0.0 |
| WR | NFL | 0 | 0 | 0.0 | 2 | 2 | 0 | 0.0 | 5 | 5 | 0 | 0.0 |
| | TOTAL | 1510 | 1509 | -0.5 | 46803 | 46789 | -14 | 0.0 | 82387 | 81787 | -600 | -0.7 |
| | Gujarat | 458 | 458 | 0.0 | 14192 | 14192 | 0 | 0.0 | 25699 | 25681 | -18 | -0.1 |
| | Madhya Pradesh | 274 | 274 | -0.1 | 8499 | 8497 | -2 | 0.0 | 13844 | 13844 | 0 | 0.0 |
| | Chhattisgarh | 116 | 116 | 0.0 | 3588 | 3588 | 0 | 0.0 | 5720 | 5720 | 0 | 0.0 |
| | Maharashtra | 570 | 570 | 0.0 | 17683 | 17682 | -1 | 0.0 | 29124 | 29124 | 0 | 0.0 |
| | Goa | 16 | 16 | 0.0 | 501 | 501 | -1 | -0.2 | 864 | 864 | 0 | 0.0 |
| | DNHDDPDCL | 31 | 31 | 0.0 | 947 | 947 | 0 | 0.0 | 1384 | 1384 | 0 | 0.0 |
| | AMNSIL | 18 | 18 | 0.0 | 571 | 571 | 0 | 0.0 | 915 | 915 | 0 | 0.0 |
| | BALCO | 13 | 13 | 0.0 | 395 | 395 | 0 | 0.0 | 537 | 537 | 0 | 0.0 |
| SR | RIL JAMNAGAR* | 3 | 3 | 0.0 | 86 | 86 | 0 | 0.0 | 200 | 200 | 0 | 0.0 |
| | TOTAL | 1499 | 1499 | -0.1 | 46462 | 46458 | -5 | 0.0 | 76126 | 76126 | 0 | 0.0 |
| | Andhra Pradesh | 214 | 214 | 0.0 | 6636 | 6636 | 0 | 0.0 | 12600 | 12600 | 0 | 0.0 |
| | Telangana | 200 | 200 | 0.0 | 6193 | 6193 | 0 | 0.0 | 10803 | 10803 | 0 | 0.0 |
| | Karnataka | 238 | 238 | 0.0 | 7377 | 7377 | 0 | 0.0 | 15952 | 15952 | 0 | 0.0 |
| | Kerala | 89 | 89 | 0.0 | 2766 | 2766 | 0 | 0.0 | 5194 | 5194 | 0 | 0.0 |
| | Tamil Nadu | 366 | 366 | 0.0 | 11332 | 11332 | 0 | 0.0 | 19416 | 19416 | 0 | 0.0 |
| ER | Puducherry | 10 | 10 | 0.0 | 317 | 317 | 0 | 0.0 | 545 | 545 | 0 | 0.0 |
| | TOTAL | 1117 | 1117 | 0.0 | 34621 | 34621 | 0 | 0.0 | 61899 | 61899 | 0 | 0.0 |
| | Bihar | 142 | 142 | -0.1 | 4416 | 4414 | -2 | 0.0 | 7736 | 7736 | 0 | 0.0 |
| | Jharkhand | 44 | 44 | 0.0 | 1349 | 1349 | 0 | 0.0 | 2230 | 2230 | 0 | 0.0 |
| | DVC | 70 | 70 | 0.0 | 2177 | 2177 | 0 | 0.0 | 3462 | 3462 | 0 | 0.0 |
| | Odisha | 133 | 133 | 0.0 | 4113 | 4112 | 0 | 0.0 | 6882 | 6882 | 0 | 0.0 |
| | West Bengal | 223 | 223 | 0.0 | 6922 | 6922 | 0 | 0.0 | 12781 | 12781 | 0 | 0.0 |
| NER | Sikkim | 1 | 1 | 0.0 | 40 | 40 | 0 | 0.0 | 109 | 109 | 0 | 0.0 |
| | Railways_ER ISTS | 0 | 0 | 0.0 | 7 | 7 | 0 | 0.0 | 31 | 31 | 0 | 0.0 |
| | TOTAL | 614 | 614 | -0.1 | 19023 | 19021 | -2 | 0.0 | 32069 | 31985 | -84 | -0.3 |
| | Arunachal Pradesh | 3 | 3 | 0.0 | 97 | 97 | 0 | 0.0 | 184 | 184 | 0 | 0.0 |
| | Assam | 37 | 37 | 0.0 | 1136 | 1136 | 0 | 0.0 | 2336 | 2336 | 0 | 0.0 |
| | Manipur | 3 | 3 | 0.0 | 97 | 97 | 0 | 0.0 | 248 | 248 | 0 | 0.0 |
| | Meghalaya | 5 | 5 | 0.0 | 168 | 168 | 0 | 0.0 | 339 | 339 | 0 | 0.0 |
| ALL INDIA | | 4797 | 4797 | -0.7 | 148718 | 148698 | -21 | 0.0 | | | | |

* 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 MAY 2025 vs MAY 2024

| REGION | STATE | Energy Requirement (MU) | | | | | Energy Met (MU) | | | | |
|-----------|------------------------|-------------------------|--------|------------|----------|---------------------------|-----------------|--------|------------|----------|---------------------------|
| | | May-24 | May-25 | Difference | % Change | Average MU/day for Oct-24 | May-24 | May-25 | Difference | % Change | Average MU/day for Oct-24 |
| NR | Chandigarh | 210 | 191 | -18 | -9 | 6 | 210 | 191 | -18 | -9 | 6 |
| | Delhi | 4208 | 3814 | -394 | -9 | 123 | 4208 | 3814 | -394 | -9 | 123 |
| | Haryana | 6839 | 6227 | -612 | -9 | 201 | 6839 | 6214 | -625 | -9 | 200 |
| | Himachal Pradesh | 1077 | 1124 | 47 | 4 | 36 | 1073 | 1124 | 51 | 5 | 36 |
| | J&K(UT) and Ladakh(UT) | 1647 | 1557 | -90 | -5 | 50 | 1641 | 1556 | -85 | -5 | 50 |
| | Punjab | 7239 | 6651 | -588 | -8 | 215 | 7239 | 6651 | -588 | -8 | 215 |
| | Rajasthan | 10357 | 9588 | -769 | -7 | 309 | 10280 | 9588 | -692 | -7 | 309 |
| | Uttar Pradesh | 17457 | 15964 | -1493 | -9 | 515 | 17457 | 15964 | -1493 | -9 | 515 |
| | Uttarakhand | 1669 | 1551 | -119 | -7 | 50 | 1668 | 1551 | -117 | -7 | 50 |
| | Railway_NR ISTS/NFL | 133 | 135 | 1 | 1 | 4 | 133 | 135 | 1 | 1 | 4 |
| WR | TOTAL | 50836 | 46803 | -4034 | -8 | 1510 | 50747 | 46789 | -3959 | -8 | 1509 |
| | Gujarat | 14990 | 14192 | -798 | -5 | 458 | 14990 | 14192 | -798 | -5 | 458 |
| | Madhya Pradesh | 9053 | 8499 | -553 | -6 | 274 | 9049 | 8497 | -552 | -6 | 274 |
| | Chhattisgarh | 3679 | 3588 | -91 | -2 | 116 | 3679 | 3588 | -91 | -2 | 116 |
| | Maharashtra | 18846 | 17683 | -1163 | -6 | 570 | 18845 | 17682 | -1164 | -6 | 570 |
| | Goa | 506 | 501 | -5 | -1 | 16 | 506 | 501 | -6 | -1 | 16 |
| | DNHDDPDCL | 922 | 947 | 24 | 3 | 31 | 922 | 947 | 24 | 3 | 31 |
| | AMNSIL | 563 | 571 | 7 | 1 | 18 | 563 | 571 | 7 | 1 | 18 |
| | BALCO | 387 | 395 | 8 | 2 | 13 | 387 | 395 | 8 | 2 | 13 |
| | RIL JAMNAGAR* | - | 86 | - | - | - | - | 86 | - | - | - |
| SR | TOTAL | 48947 | 46462 | -2484 | -5 | 1499 | 48943 | 46458 | -2485 | -5 | 1499 |
| | Andhra Pradesh | 7072 | 6636 | -436 | -6 | 214 | 7072 | 6636 | -436 | -6 | 214 |
| | Telangana | 6218 | 6193 | -24 | 0 | 200 | 6218 | 6193 | -24 | 0 | 200 |
| | Karnataka | 7892 | 7377 | -515 | -7 | 238 | 7892 | 7377 | -515 | -7 | 238 |
| | Kerala | 2846 | 2766 | -80 | -3 | 89 | 2846 | 2766 | -80 | -3 | 89 |
| | Tamil Nadu | 11838 | 11332 | -506 | -4 | 366 | 11838 | 11332 | -506 | -4 | 366 |
| | Puducherry | 333 | 317 | -16 | -5 | 10 | 333 | 317 | -16 | -5 | 10 |
| ER | TOTAL | 36198 | 34621 | -1577 | -4 | 1117 | 36198 | 34621 | -1577 | -4 | 1117 |
| | Bihar | 4201 | 4416 | 214 | 5 | 142 | 4179 | 4414 | 235 | 6 | 142 |
| | Jharkhand | 1402 | 1349 | -53 | -4 | 44 | 1394 | 1349 | -45 | -3 | 44 |
| | DVC | 2310 | 2177 | -133 | -6 | 70 | 2310 | 2177 | -133 | -6 | 70 |
| | Odisha | 4099 | 4113 | 14 | 0 | 133 | 4099 | 4112 | 14 | 0 | 133 |
| | West Bengal | 6680 | 6922 | 242 | 4 | 223 | 6680 | 6922 | 242 | 4 | 223 |
| | Sikkim | 46 | 40 | -6 | -13 | 1 | 46 | 40 | -6 | -13 | 1 |
| | Railways_ER ISTS | 4 | 7 | 3 | 58 | 0 | 4 | 7 | 3 | 58 | 0 |
| NER | TOTAL | 18743 | 19023 | 280 | 1 | 614 | 18712 | 19021 | 309 | 2 | 614 |
| | Arunachal Pradesh | 86 | 97 | 11 | 13 | 3 | 86 | 97 | 11 | 13 | 3 |
| | Assam | 1123 | 1136 | 13 | 1 | 37 | 1118 | 1136 | 18 | 2 | 37 |
| | Manipur | 86 | 97 | 11 | 13 | 3 | 86 | 97 | 11 | 13 | 3 |
| | Meghalaya | 160 | 168 | 8 | 5 | 5 | 160 | 168 | 8 | 5 | 5 |
| | Mizoram | 57 | 60 | 3 | 5 | 2 | 57 | 60 | 3 | 5 | 2 |
| | Nagaland | 80 | 82 | 2 | 3 | 3 | 80 | 82 | 2 | 3 | 3 |
| | Tripura | 164 | 169 | 5 | 3 | 5 | 164 | 169 | 5 | 3 | 5 |
| | TOTAL | 1756 | 1809 | 53 | 3 | 58 | 1751 | 1809 | 58 | 3 | 58 |
| ALL INDIA | | 156480 | 148718 | -7762 | -5 | 4797 | 156352 | 148698 | -7654 | -5 | 4797 |

* RIL Jamnagar has been added as new entity wef 01.12.2024

13. DEMAND COMPARISON OF MAY 2025 vs MAY 2024

| REGION | STATE | Peak Requirement (MW) | | | | Peak Met (MW) | | | |
|--------|------------------------|-----------------------|--------|------------|----------|---------------|--------|------------|----------|
| | | May-24 | May-25 | Difference | % Change | May-24 | May-25 | Difference | % Change |
| NR | Chandigarh | 432 | 431 | -1 | -0.2 | 432 | 431 | -1 | -0.2 |
| | Delhi | 8302 | 7748 | -554 | -6.7 | 8302 | 7748 | -554 | -6.7 |
| | Haryana | 12451 | 12526 | 75 | 0.6 | 12451 | 12526 | 75 | 0.6 |
| | Himachal Pradesh | 1827 | 1866 | 39 | 2.1 | 1827 | 1866 | 39 | 2.1 |
| | J&K(UT) and Ladakh(UT) | 2878 | 2797 | -81 | -2.8 | 2878 | 2797 | -81 | -2.8 |
| | Punjab | 14519 | 13969 | -550 | -3.8 | 14519 | 13969 | -550 | -3.8 |
| | Rajasthan | 17567 | 17336 | -231 | -1.3 | 17567 | 17336 | -231 | -1.3 |
| | Uttar Pradesh | 29727 | 29873 | 146 | 0.5 | 29727 | 29873 | 146 | 0.5 |
| | Uttarakhand | 2781 | 2668 | -113 | -4.1 | 2781 | 2668 | -113 | -4.1 |
| | Railway_NR ISTS/NFL | 239 | 237 | -2 | -0.9 | 239 | 237 | -2 | -0.9 |
| WR | Gujarat | 24922 | 25699 | 777 | 3 | 24922 | 25681 | 759 | 3.0 |
| | Madhya Pradesh | 14309 | 13844 | -465 | -3 | 14309 | 13844 | -465 | -3.2 |
| | Chhattisgarh | 6073 | 5720 | -353 | -6 | 6073 | 5720 | -353 | -5.8 |
| | Maharashtra | 28452 | 29124 | 672 | 2 | 28452 | 29124 | 672 | 2.4 |
| | Goa | 803 | 864 | 61 | 8 | 803 | 864 | 61 | 7.6 |
| | DNHDDPDCL | 1348 | 1384 | 36 | 2.7 | 1348 | 1384 | 36 | 2.7 |
| | AMNSIL | 911 | 915 | 4 | 0.4 | 911 | 915 | 4 | 0.4 |
| | BALCO | 525 | 537 | 12 | 2.3 | 525 | 537 | 12 | 2.3 |
| | RIL JAMNAGAR* | - | 200 | - | - | - | 200 | - | - |
| SR | Andhra Pradesh | 13712 | 12600 | -1112 | -8.1 | 13712 | 12600 | -1112 | -8.1 |
| | Telangana | 11277 | 10803 | -474 | -4.2 | 11257 | 10803 | -454 | -4.0 |
| | Karnataka | 16826 | 15952 | -873 | -5.2 | 16826 | 15952 | -873 | -5.2 |
| | Kerala | 5797 | 5194 | -603 | -10.4 | 5797 | 5194 | -603 | -10.4 |
| | Tamil Nadu | 20830 | 19416 | -1414 | -6.8 | 20830 | 19416 | -1414 | -6.8 |
| | Puducherry | 517 | 545 | 28 | 5.4 | 517 | 545 | 28 | 5.4 |
| ER | Bihar | 7546 | 7736 | 190 | 2.5 | 7546 | 7736 | 190 | 2.5 |
| | Jharkhand | 2346 | 2230 | -116 | -4.9 | 2346 | 2230 | -116 | -4.9 |
| | DVC | 3562 | 3462 | -100 | -2.8 | 3562 | 3462 | -100 | -2.8 |
| | Odisha | 6988 | 6882 | -106 | -1.5 | 6988 | 6882 | -106 | -1.5 |
| | West Bengal | 12670 | 12781 | 111 | 0.9 | 12670 | 12781 | 111 | 0.9 |
| | Sikkim | 102 | 109 | 7 | 6.9 | 102 | 109 | 7 | 6.9 |
| | Railways_ER ISTS | 23 | 31 | 8 | 34.8 | 23 | 31 | 8 | 34.8 |
| NER | Arunachal Pradesh | 198 | 184 | -14 | -7.1 | 198 | 184 | -14 | -7.1 |
| | Assam | 2404 | 2336 | -68 | -2.8 | 2404 | 2336 | -68 | -2.8 |
| | Manipur | 227 | 248 | 21 | 9.3 | 227 | 248 | 21 | 9.3 |
| | Meghalaya | 394 | 339 | -55 | -14.0 | 394 | 339 | -55 | -14.0 |
| | Mizoram | 130 | 138 | 8 | 6.2 | 130 | 138 | 8 | 6.2 |
| | Nagaland | 177 | 187 | 10 | 5.6 | 177 | 187 | 10 | 5.6 |
| | Tripura | 386 | 347 | -39 | -10.1 | 386 | 347 | -39 | -10.1 |

* RIL Jamnagar has been added as new entity wef 01.12.2024

14. SCHEDULE AND DRAWAL OF CONSTITUENTS - MAY 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 | 194.28 | 193.28 | -1.00 | -0.51 | 6.27 | 6.23 | -0.03 |
| | Delhi | 3530.46 | 3492.13 | -38.33 | -1.09 | 113.89 | 112.65 | -1.24 |
| | Haryana | 4660.75 | 4535.46 | -125.29 | -2.69 | 150.35 | 146.31 | -4.04 |
| | Himachal Pradesh | 223.88 | 193.92 | -29.96 | -13.38 | 7.22 | 6.26 | -0.97 |
| | J&K(UT) and Ladakh(UT) | 983.09 | 905.65 | -77.44 | -7.88 | 31.71 | 29.21 | -2.50 |
| | Punjab | 3586.84 | 3440.31 | -146.53 | -4.09 | 115.70 | 110.98 | -4.73 |
| | Rajasthan | 3576.39 | 3490.73 | -85.66 | -2.40 | 115.37 | 112.60 | -2.76 |
| | Uttar Pradesh | 6622.48 | 6558.58 | -63.90 | -0.96 | 213.63 | 211.57 | -2.06 |
| | Uttarakhand | 928.85 | 943.76 | 14.91 | 1.61 | 29.96 | 30.44 | 0.48 |
| | Railways_NR ISTS | 121.35 | 132.33 | 10.98 | 9.05 | 3.91 | 4.27 | 0.35 |
| | NFL | 2.64 | 2.47 | -0.16 | -6.25 | 0.09 | 0.08 | -0.01 |
| | Total | 24431.01 | 23888.64 | -542.37 | -2.22 | 788.10 | 770.60 | -17.50 |
| WR | Gujarat | 5166.42 | 4981.65 | -184.77 | -3.58 | 166.66 | 160.70 | -5.96 |
| | Madhya Pradesh | 5084.41 | 5003.57 | -80.84 | -1.59 | 164.01 | 161.41 | -2.61 |
| | Chhattisgarh | 1868.98 | 1861.72 | -7.26 | -0.39 | 60.29 | 60.06 | -0.23 |
| | Maharashtra | 5971.20 | 5938.14 | -33.06 | -0.55 | 192.62 | 191.55 | -1.07 |
| | Goa | 474.38 | 495.40 | 21.02 | 4.43 | 15.30 | 15.98 | 0.68 |
| | DNHDDPDCL | 949.32 | 946.73 | -2.59 | -0.27 | 30.62 | 30.54 | -0.08 |
| | AMNSIL | 257.73 | 265.67 | 7.94 | 3.08 | 8.31 | 8.57 | 0.26 |
| | BALCO | 393.80 | 394.96 | 1.16 | 0.29 | 12.70 | 12.74 | 0.04 |
| | RIL JAMNAGAR* | 86.79 | 86.15 | -0.64 | -0.74 | 2.80 | 2.78 | -0.02 |
| | Total | 20253.03 | 19973.98 | -279.05 | -1.38 | 653.32 | 644.32 | -9.00 |
| SR | Andhra Pradesh | 1983.74 | 1957.04 | -26.70 | -1.35 | 63.99 | 63.13 | -0.86 |
| | Telangana | 2580.44 | 2606.35 | 25.91 | 1.00 | 83.24 | 84.08 | 0.84 |
| | Karnataka | 2445.04 | 2409.59 | -35.45 | -1.45 | 78.87 | 77.73 | -1.14 |
| | Kerala | 1910.26 | 1902.67 | -7.59 | -0.40 | 61.62 | 61.38 | -0.24 |
| | Tamil Nadu | 6400.80 | 6310.81 | -89.99 | -1.41 | 206.48 | 203.57 | -2.90 |
| | Puducherry | 323.21 | 315.28 | -7.93 | -2.45 | 10.43 | 10.17 | -0.26 |
| | Goa (SR) | 73.36 | 71.99 | -1.37 | -1.87 | 2.37 | 2.32 | -0.04 |
| | Total | 15716.85 | 15573.73 | -143.12 | -0.91 | 507.00 | 502.38 | -4.62 |
| ER | Bihar | 4169.92 | 4119.81 | -50.10 | -1.20 | 134.51 | 132.90 | -1.62 |
| | Jharkhand | 1120.85 | 1103.28 | -17.57 | -1.57 | 36.16 | 35.59 | -0.57 |
| | DVC | -911.94 | -901.68 | 10.25 | -1.12 | -29.42 | -29.09 | 0.33 |
| | Odisha | 1646.06 | 1637.91 | -8.15 | -0.49 | 53.10 | 52.84 | -0.26 |
| | West Bengal | 2827.08 | 2744.31 | -82.78 | -2.93 | 91.20 | 88.53 | -2.67 |
| | Sikkim | 41.66 | 39.53 | -2.13 | -5.12 | 1.34 | 1.28 | -0.07 |
| | Railways_ER ISTS | 6.34 | 6.88 | 0.55 | 8.64 | 0.20 | 0.22 | 0.02 |
| | Total | 8899.98 | 8750.04 | -149.93 | -1.68 | 287.10 | 282.26 | -4.84 |
| NER | Arunachal Pradesh | 92.13 | 91.81 | -0.32 | -0.35 | 2.97 | 2.96 | -0.01 |
| | Assam | 871.28 | 881.66 | 10.38 | 1.19 | 28.11 | 28.44 | 0.33 |
| | Manipur | 97.40 | 96.90 | -0.50 | -0.51 | 3.14 | 3.13 | -0.02 |
| | Meghalaya | 47.19 | 46.29 | -0.90 | -1.91 | 1.52 | 1.49 | -0.03 |
| | Mizoram | 56.47 | 48.78 | -7.69 | -13.62 | 1.82 | 1.57 | -0.25 |
| | Nagaland | 82.02 | 78.92 | -3.10 | -3.78 | 2.65 | 2.55 | -0.10 |
| | Tripura | 139.08 | 141.32 | 2.24 | 1.61 | 4.49 | 4.56 | 0.07 |
| | Total | 1385.57 | 1385.68 | 0.11 | 0.01 | 44.70 | 44.70 | 0.00 |
| | All India Total | 70686.44 | 69572.07 | -1114.36 | -1.58 | 2280.21 | 2244.26 | -35.95 |

* RIL Jamnagar has been added as new entity wef 01.12.2024

15. INTER REGIONAL EXCHANGES 2025-26

(All figures in MU)

| | Apr'25 | May'25 | Fin. Year 2025-26 |
|---|---------|---------|-------------------|
| Name of Line | | | |
| Import of NR from WR (WR-NR) | | | |
| WR - NR HVDC Champa- Kurukshetra | 1382.87 | 2023.40 | 3406.27 |
| WR - NR HVDC VindhyaChal | 16.65 | 119.23 | 135.88 |
| WR - NR HVDC Mundra - M'garh | 896.71 | 1001.79 | 1898.50 |
| WR - NR 765 kV Gwalior - Agra 2xS/C | 375.96 | 961.14 | 1337.10 |
| WR - NR 765 kV Gwalior-Phagi 2xS/C | 119.97 | 290.73 | 410.70 |
| WR - NR 765 kV Jabalpur- Orai D/C | 317.58 | 813.58 | 1131.16 |
| WR - NR 765 kV Satna- Orai | 506.38 | 537.61 | 1043.99 |
| WR - NR 765 kV Gwalior-Orai | 0.00 | 0.00 | 0.00 |
| WR - NR 765 kV Banaskata - Chittorgarh D/C | 17.73 | 226.09 | 243.82 |
| WR - NR 765 kV VindhyaChal - Varanasi | 1245.55 | 1708.13 | 2953.68 |
| WR - NR 765 kV Neemach - Chittorgarh D/C | 0.00 | 36.24 | 36.24 |
| WR - NR 400 kV Zerda- Kankroli | 0.50 | 20.28 | 20.78 |
| WR - NR 400 kV Zerda- Bhinmal | 0.00 | 70.94 | 70.94 |
| WR - NR 400 kV Shujalpur - RAPP C D/C | 0.00 | 32.33 | 32.33 |
| WR - NR 400 KV VindhyaChal - Rihand D/C | 0.00 | 0.00 | 0.00 |
| WR - NR 220 kV Bhanpura - Ranpur | 62.23 | 62.87 | 125.10 |
| WR - NR 220 kV Bhanpura - Modak | 70.83 | 86.49 | 157.32 |
| WR - NR 220 kV Malanpur / Mehgaon - Auraiya | 0.00 | 1.18 | 1.18 |
| Total WR - NR | 5012.96 | 7992.03 | 13004.99 |

| | Apr'25 | May'25 | Fin. Year 2025-26 |
|--|----------------|----------------|-------------------|
| Name of Line | | | |
| Export of NR to WR (NR-WR) | | | |
| NR - WR HVDC Kurukshetra - Champa | 0.00 | 0.00 | 0.00 |
| NR - WR HVDC VindhyaChal | 43.26 | 29.26 | 72.52 |
| NR - WR HVDC M'garh - Mundra | 0.00 | 0.00 | 0.00 |
| NR - WR 765 kV Agra - Gwalior 2xS/C | 6.16 | 0.00 | 6.16 |
| NR - WR 765 kV Phagi - Gwalior 2xS/C | 11.05 | 2.35 | 13.40 |
| NR - WR 765 kV Orai - Jabalpur D/C | 8.98 | 0.00 | 8.98 |
| NR - WR 765 kV Orai - Satna | 0.00 | 0.00 | 0.00 |
| NR - WR 765 kV Orai - Gwalior | 345.16 | 292.43 | 637.59 |
| NR - WR 765 kV Chittorgarh - Banaskata D/C | 330.62 | 27.29 | 357.91 |
| NR - WR 765 kV Varanasi - VindhyaChal | 0.00 | 0.00 | 0.00 |
| NR - WR 765 kV Chittorgarh - Neemach D/C | 192.85 | 53.22 | 246.07 |
| NR - WR 400 kV Kankroli - Zerda | 180.27 | 34.58 | 214.85 |
| NR - WR 400 kV Bhinmal - Zerda | 0.00 | 1.60 | 1.60 |
| NR - WR 400 kV RAPP C - Shujalpur D/C | 179.68 | 68.92 | 248.60 |
| NR - WR 400 KV Rihand - VindhyaChal D/C | 627.94 | 529.60 | 1157.54 |
| NR - WR 220 kV Ranpur - Bhanpura | 0.00 | 0.00 | 0.00 |
| NR - WR 220 kV Modak - Bhanpura | 0.00 | 0.00 | 0.00 |
| NR - WR 220 kV Auraiya - Malanpur/Mehgaon | 66.11 | 28.64 | 94.75 |
| Total NR - WR | 1992.08 | 1067.89 | 3059.97 |

| | Apr'25 | May'25 | Fin. Year 2025-26 |
|--|---------------|----------------|-------------------|
| Name of Line | | | |
| Import of NR from ER (ER-NR) | | | |
| ER - NR HVDC Alipurduar - Agra | 0.43 | 0.00 | 0.43 |
| ER - NR 765 kV Sasaram - Fatehpur | 77.99 | 33.39 | 111.38 |
| ER - NR 765 kV Gaya - Varanasi 2*S/C | 65.04 | 56.80 | 121.84 |
| ER - NR 765 kV Gaya - Balia | 186.58 | 263.25 | 449.83 |
| ER - NR 400 kV Patna - Balia D/C | 193.76 | 203.41 | 397.17 |
| ER - NR 400 kV Muzaffarpur - Gorakhpur D/C | 11.63 | 113.13 | 124.76 |
| ER - NR 400 kV Biharshariff - Balia D/C | 0.00 | 12.52 | 12.52 |
| ER - NR 400 kV Motihari - Gorakhpur D/C | 62.83 | 123.33 | 186.16 |
| ER - NR 400 kV Biharshariff - Varanasi D/C | 0.00 | 0.00 | 0.00 |
| ER - NR 400 kV Sasaram - Varanasi | 60.82 | 64.18 | 125.00 |
| ER - NR 400 kV Sasaram - Allahabad | 10.62 | 8.32 | 18.94 |
| ER - NR 400 kV Naubatpur - Balia D/C | 45.33 | 47.32 | 92.65 |
| ER - NR 400 kV Biharshariff - Sahupuri D/C | 25.32 | 33.43 | 58.75 |
| ER - NR 220 kV Sahupuri - Karamnasa | 5.66 | 46.35 | 52.01 |
| ER - NR 132 kV Sahupuri - Karamnasa | 0.96 | 0.48 | 1.44 |
| ER - NR 132 kV Nagar Untari - Rihand | 0.05 | 0.00 | 0.05 |
| ER - NR 132 kV Garhwa - Rihand | 0.00 | 0.00 | 0.00 |
| Total ER-NR | 747.02 | 1005.91 | 1752.93 |
| Import of NR from NER (NER-NR) | | | |
| NER - NR HVDC Biswanath Chariali - Agra | 0.00 | 22.96 | 22.96 |
| Total NER - NR | 0.00 | 22.96 | 22.96 |

| | Apr'25 | May'25 | Fin. Year 2025-26 |
|--|---------------|---------------|-------------------|
| Name of Line | | | |
| Export of NR to ER (NR-ER) | | | |
| NR - ER HVDC Agra - Alipurduar | 0.00 | 0.00 | 0.00 |
| NR - ER 765 kV Fatehpur - Sasaram | 6.26 | 34.48 | 40.74 |
| NR - ER 765 kV Varanasi - Gaya 2*S/C | 56.47 | 106.17 | 162.64 |
| NR - ER 765 kV Balia - Gaya | 0.00 | 0.00 | 0.00 |
| NR - ER 400 kV Balia - Patna D/C | 1.06 | 0.00 | 1.06 |
| NR - ER 400 kV Gorakhpur - Muzaffarpur D/C | 99.75 | 29.83 | 129.58 |
| NR - ER 400 kV Balia - Biharshariff D/C | 162.65 | 104.51 | 267.16 |
| NR - ER 400 kV Gorakhpur - Motihari D/C | 4.85 | 0.05 | 4.90 |
| NR - ER 400 kV Varanasi - Biharshariff D/C | 0.00 | 0.00 | 0.00 |
| NR - ER 400 kV Varanasi - Sasaram | 0.00 | 0.00 | 0.00 |
| NR - ER 400 kV Allahabad - Sasaram | 2.99 | 6.52 | 9.51 |
| NR - ER 400 kV Balia - Naubatpur D/C | 1.90 | 4.36 | 6.26 |
| NR - ER 400 kV Sahupuri - Biharshariff D/C | 25.78 | 30.77 | 56.55 |
| NR - ER 220 kV Karamnasa - Sahupuri | 7.75 | 1.36 | 9.11 |
| NR - ER 132 kV Karamnasa - Sahupuri | 0.20 | 0.39 | 0.59 |
| NR - ER 132 kV Rihand - Nagar Untari | 0.98 | 0.10 | 1.08 |
| NR - ER 132 kV Rihand - Garhwa | 14.20 | 15.51 | 29.71 |
| Total NR - ER | 384.84 | 334.05 | 718.89 |
| Export of NR to NER (NER-NR) | | | |
| NR - NER HVDC Agra - Biswanath Chariali | 587.35 | 339.01 | 926.36 |
| Total NR - NER | 587.35 | 339.01 | 926.36 |

| | Apr'25 | May'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 | 847.34 | 1208.67 |
| WR - ER 765 kV Dharamjaygarh - Jharsuguda Q/C | 302.38 | 152.33 | 454.71 |
| WR - ER 765 kV Durg - Jharsuguda D/C | 0.00 | 8.48 | 8.48 |
| WR - ER 400 kV Sipat - Ranchi D/C | 44.41 | 165.08 | 209.49 |
| WR - ER 400 kV Raigarh - Jharsuguda- 2xD/C | 0.04 | 36.04 | 36.07 |
| WR - ER 220 kV Korba - Budhipadar D/C | 12.35 | 33.58 | 45.94 |
| WR - ER 220 kV Raigarh - Budhipadar | 0.10 | 11.59 | 11.69 |
| Total WR - ER | 720.61 | 1254.44 | 1975.05 |
| Import of WR from ER (ER - WR) | | | |
| ER - WR 765 kV Dharamjaygarh - Ranchi 2xS/C | 79.61 | 7.39 | 87.00 |
| ER - WR 765 kV Dharamjaygarh - Jharsuguda D/C | 160.09 | 253.52 | 413.61 |
| ER - WR 765 kV Durg - Jharsuguda D/C | 503.09 | 232.42 | 735.51 |
| ER - WR 400 kV Sipat - Ranchi D/C | 55.76 | 5.53 | 61.30 |
| ER - WR 400 kV Raigarh - Jharsuguda- 2xD/C | 325.72 | 102.70 | 428.42 |
| ER - WR 220 kV Korba - Budhipadar D/C | 25.22 | 2.91 | 28.14 |
| ER - WR 220 kV Raigarh - Budhipadar | 50.11 | 13.49 | 63.60 |
| Total ER - WR | 1199.60 | 617.96 | 1817.56 |
| Export of ER to NER (ER - NER) | | | |
| ER - NER 400 kV Binaguri - Bongaigaon D/C | 23.81 | 14.14 | 37.94 |
| ER - NER 400 kV Alipurduar - Bongaigaon D/C | 28.02 | 45.27 | 73.29 |
| ER - NER 220 kV Birpara - Salakati D/C | 3.15 | 4.51 | 7.66 |
| Total ER - NER | 54.98 | 63.92 | 118.90 |

| | Apr'25 | May'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 | 101.88 | 188.80 |
| NER - ER 400 kV Alipurduar - Bongaigaon 2xD/C | 133.68 | 82.82 | 216.50 |
| NER - ER 220 kV Birpara - Salakati D/C | 30.05 | 24.26 | 54.31 |
| Total NER - ER | 250.64 | 208.96 | 459.60 |
| Export of ER to SR (ER - SR) | | | |
| ER - SR HVDC Gazuwaka | 64.45 | 47.26 | 111.71 |
| ER - SR HVDC Talchar -Kolar | 1338.63 | 1181.86 | 2520.49 |
| ER - SR 765 kV Angul- Srikakulam D/C | 1591.65 | 1274.48 | 2866.13 |
| Total ER - SR | 2994.74 | 2503.60 | 5498.34 |
| Import of ER from SR (SR - ER) | | | |
| SR - ER HVDC Gazuwaka | 44.04 | 138.20 | 182.24 |
| SR - ER HVDC Talchar - Kolar | 0.00 | 0.00 | 0.00 |
| SR - ER 765 kV Angul- Srikakulam D/C | 0.00 | 0.00 | 0.00 |
| Total SR - ER | 44.04 | 138.20 | 182.24 |
| Export of WR to SR (WR-SR) | | | |
| WR - SR HVDC Bhadrawati | 644.61 | 220.50 | 865.11 |
| WR - SR 765 kV Sholapur - Raichur 2xS/C | 206.88 | 115.39 | 322.27 |
| WR - SR 765 kV Wardha - Nizamabad D/C | 983.94 | 603.84 | 1587.77 |
| WR - SR 400KV Kolhapur-Kudgi D/C | 0.02 | 0.00 | 0.02 |
| WR - SR HVDC Raigarh-Pugalur | 2564.04 | 1621.30 | 4185.34 |
| WR - SR 220kV Xeldem - Ambewadi S/C | 71.04 | 74.18 | 145.22 |
| WR - SR 220kV Ponda - Ambewadi S/C | 0.79 | 0.09 | 0.88 |
| WR - SR 765 kV Warora - Warangal D/C | 1140.34 | 750.16 | 1890.50 |
| Total WR - SR | 5611.68 | 3385.46 | 8997.13 |

| | Apr'25 | May'25 | Fin. Year 2025-26 |
|---|---------------|----------------|-------------------|
| Name of Line | | | |
| Import of WR from SR (SR - WR) | | | |
| SR - WR HVDC Bhadrawati | 0.00 | 206.01 | 206.01 |
| SR - WR 765 kV Raichur - Sholapur 2xS/C | 134.40 | 376.02 | 510.41 |
| SR - WR 765 kV Wardha - Nizamabad D/C | 0.24 | 25.72 | 25.96 |
| SR - WR 400KV Kolhapur-Kudgi D/C | 657.02 | 869.48 | 1526.50 |
| SR - WR HVDC Pugalur-Raigarh | 0.00 | 0.00 | 0.00 |
| SR - WR 220kV Xeldem - Ambewadi S/C | 0.00 | 0.00 | 0.00 |
| SR - WR 220kV Ponda - Ambewadi S/C | 0.01 | 0.01 | 0.02 |
| SR - WR 765 kV Warangal - Warora D/C | 0.02 | 17.52 | 17.54 |
| Total SR - WR | 791.68 | 1494.76 | 2286.44 |
| TOTAL ALL INDIA | 20392 | 20429 | 40821 |

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

| Date | 15.1 Import-Export of NR with WR during May 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-May-25 | 69.00 | 0.11 | 35.79 | 25.00 | 12.09 | 23.71 | 18.30 | 0.00 | 11.35 | 44.50 | 0.00 | 0.05 | | 0.00 | 0.00 | 2.10 | 1.36 | 0.00 243.36 |
| 2-May-25 | 26.20 | 2.42 | 25.41 | 13.00 | 9.71 | 11.71 | 14.91 | 0.00 | 4.03 | 35.79 | 0.00 | 0.00 | | 0.00 | 0.00 | 2.11 | 1.92 | 0.00 147.21 |
| 3-May-25 | 22.97 | 2.42 | 24.25 | 25.04 | 14.18 | 23.08 | 17.94 | 0.00 | 8.00 | 40.20 | 0.00 | 0.00 | | 0.00 | 0.00 | 2.01 | 2.98 | 0.00 183.07 |
| 4-May-25 | 32.60 | 2.42 | 27.61 | 29.20 | 12.21 | 26.30 | 17.50 | 0.00 | 8.06 | 47.60 | 0.00 | 0.00 | | 0.00 | 0.00 | 2.01 | 3.03 | 0.00 208.54 |
| 5-May-25 | 46.32 | 2.42 | 36.31 | 21.20 | 11.90 | 17.27 | 17.39 | 0.00 | 0.00 | 45.00 | 0.00 | 0.00 | | 0.00 | 0.00 | 1.67 | 2.13 | 0.00 201.61 |
| 6-May-25 | 48.15 | 2.40 | 36.30 | 24.75 | 9.41 | 16.83 | 17.36 | 0.00 | 0.00 | 44.85 | 0.00 | 0.00 | | 0.00 | 0.00 | 1.58 | 2.04 | 0.00 203.67 |
| 7-May-25 | 46.72 | 2.42 | 31.47 | 28.95 | 6.12 | 22.26 | 16.78 | 0.00 | 0.00 | 49.20 | 0.00 | 0.00 | 1.11 | 0.00 | 0.00 | 1.56 | 2.58 | 0.00 209.17 |
| 8-May-25 | 58.80 | 2.40 | 29.05 | 21.90 | 2.86 | 16.10 | 15.88 | 0.00 | 1.00 | 52.60 | 0.00 | 0.00 | 0.70 | 0.00 | 0.00 | 1.63 | 2.48 | 0.00 205.40 |
| 9-May-25 | 46.70 | 2.42 | 29.07 | 24.30 | 5.14 | 18.05 | 15.99 | 0.00 | 0.78 | 50.00 | 0.00 | 0.00 | 0.40 | 0.00 | 0.00 | 1.57 | 2.25 | 0.00 196.67 |
| 10-May-25 | 57.90 | 2.40 | 29.07 | 22.90 | 3.21 | 18.03 | 15.98 | 0.00 | 3.71 | 53.50 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.74 | 2.63 | 0.00 211.07 |
| 11-May-25 | 53.80 | 2.39 | 20.01 | 22.63 | 1.57 | 17.73 | 15.45 | 0.00 | 4.59 | 55.23 | 0.00 | 0.00 | 1.20 | 0.00 | 0.00 | 1.72 | 2.61 | 0.00 198.93 |
| 12-May-25 | 58.03 | 2.42 | 19.74 | 21.45 | 0.29 | 19.54 | 15.40 | 0.00 | 4.00 | 62.43 | 0.00 | 0.00 | 1.53 | 0.00 | 0.00 | 1.71 | 2.72 | 0.00 209.26 |
| 13-May-25 | 74.00 | 2.39 | 36.28 | 25.08 | 0.00 | 18.52 | 14.89 | 0.00 | 0.85 | 58.00 | 0.00 | 0.00 | 2.30 | 0.00 | 0.00 | 1.82 | 2.90 | 0.00 237.03 |
| 14-May-25 | 86.91 | 2.39 | 36.28 | 29.30 | 1.68 | 22.55 | 16.21 | 0.00 | 1.64 | 68.84 | 0.00 | 0.00 | 2.75 | 0.00 | 0.00 | 1.96 | 2.82 | 0.00 273.33 |
| 15-May-25 | 92.77 | 6.51 | 36.28 | 29.62 | 3.53 | 23.00 | 16.87 | 0.00 | 1.13 | 64.01 | 0.00 | 0.00 | 2.85 | 0.00 | 0.00 | 2.00 | 2.96 | 0.00 281.53 |
| 16-May-25 | 92.03 | 8.50 | 36.28 | 26.85 | 3.22 | 19.92 | 16.45 | 0.00 | 4.67 | 60.73 | 0.00 | 0.00 | 3.10 | 0.00 | 0.00 | 2.06 | 3.19 | 0.00 277.00 |
| 17-May-25 | 93.80 | 5.83 | 33.50 | 28.56 | 9.20 | 23.30 | 17.69 | 0.00 | 5.56 | 55.60 | 0.00 | 0.00 | 3.57 | 0.00 | 0.00 | 2.19 | 3.20 | 0.00 282.00 |
| 18-May-25 | 64.57 | 11.50 | 37.19 | 31.23 | 14.12 | 31.73 | 18.21 | 0.00 | 0.00 | 54.61 | 0.72 | 0.00 | 2.75 | 0.00 | 0.00 | 2.16 | 2.63 | 0.00 271.42 |
| 19-May-25 | 90.89 | 12.00 | 40.00 | 25.24 | 10.00 | 21.50 | 18.05 | 0.00 | 0.00 | 46.32 | 0.00 | 0.00 | 2.20 | 0.00 | 0.00 | 2.20 | 3.14 | 0.00 271.54 |
| 20-May-25 | 104.93 | 10.63 | 40.58 | 41.04 | 15.79 | 36.41 | 20.22 | 0.00 | 8.76 | 58.83 | 2.26 | 0.35 | 4.04 | 1.88 | 0.00 | 2.19 | 3.08 | 0.00 350.99 |
| 21-May-25 | 104.00 | 5.47 | 44.52 | 32.00 | 12.84 | 31.68 | 18.66 | 0.00 | 0.00 | 59.38 | 1.20 | 0.00 | 2.50 | 0.00 | 0.00 | 2.15 | 3.29 | 0.00 317.69 |
| 22-May-25 | 42.21 | 0.57 | 28.16 | 36.95 | 17.48 | 27.19 | 20.37 | 0.00 | 0.00 | 54.33 | 1.46 | 0.00 | 2.85 | 1.69 | 0.00 | 2.14 | 3.04 | 0.00 238.44 |
| 23-May-25 | 65.48 | 2.40 | 24.23 | 40.54 | 13.38 | 34.71 | 18.78 | 0.00 | 2.03 | 61.35 | 1.89 | 0.00 | 3.30 | 1.94 | 0.00 | 2.05 | 2.45 | 0.00 274.53 |
| 24-May-25 | 71.93 | 2.43 | 27.20 | 43.43 | 10.82 | 34.44 | 19.18 | 0.00 | 16.41 | 65.09 | 2.01 | 1.67 | 5.45 | 2.28 | 0.00 | 2.38 | 2.81 | 0.00 307.53 |
| 25-May-25 | 24.60 | 0.15 | 24.52 | 22.70 | 8.98 | 22.40 | 13.20 | 0.00 | 3.15 | 59.98 | 0.00 | 0.23 | 4.26 | 0.00 | 0.00 | 2.25 | 3.03 | 0.00 189.45 |
| 26-May-25 | 55.15 | 0.00 | 25.80 | 41.80 | 12.31 | 34.56 | 17.42 | 0.00 | 14.88 | 60.19 | 2.52 | 5.06 | 2.30 | 2.11 | 0.00 | 2.34 | 3.29 | 0.00 279.73 |
| 27-May-25 | 74.25 | 0.00 | 36.41 | 42.54 | 18.08 | 40.25 | 19.65 | 0.00 | 20.25 | 60.48 | 5.10 | 2.85 | 5.85 | 4.44 | 0.00 | 2.37 | 3.25 | 0.39 336.16 |
| 28-May-25 | 89.69 | 1.26 | 38.01 | 51.80 | 18.46 | 44.61 | 21.25 | 0.00 | 24.29 | 65.21 | 7.01 | 2.28 | 5.23 | 6.39 | | 2.55 | 3.10 | 0.43 381.57 |
| 29-May-25 | 87.11 | 4.77 | 43.33 | 47.28 | 16.02 | 41.93 | 16.36 | 0.00 | 17.71 | 54.38 | 4.43 | 1.20 | 1.98 | 3.70 | 0.00 | 2.29 | 3.16 | 0.00 345.65 |
| 30-May-25 | 78.62 | 7.25 | 36.30 | 41.15 | 8.55 | 37.97 | 18.13 | 0.00 | 28.75 | 55.65 | 3.63 | 2.61 | 3.51 | 1.98 | 0.00 | 2.22 | 3.26 | 0.00 329.58 |
| 31-May-25 | 63.27 | 8.54 | 32.84 | 43.71 | 7.58 | 36.30 | 17.14 | 0.00 | 30.49 | 64.25 | 4.01 | 3.98 | 5.21 | 5.92 | | 2.14 | 3.16 | 0.36 328.90 |
| Total | 2023.40 | 119.23 | 1001.79 | 961.14 | 290.73 | 813.58 | 537.61 | 0.00 | 226.09 | 1708.13 | 36.24 | 20.28 | 70.94 | 32.33 | 0.00 | 62.87 | 86.49 | 1.18 7992.03 |

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

| Date | 15.1 Import-Export of NR with WR during May 2025 | | | | | | | | | | | | | | | | | | |
|--------------|--|--------------------------|------------------------------|-------------------------------------|--------------------------------------|------------------------------------|-----------------------------|-------------------------------|--|---------------------------------------|--|---------------------------------|--------------------------------|---------------------------------------|---|----------------------------------|---------------------------------|--|----------------|
| | Export of NR to WR (NR- WR) | | | | | | | | | | | | | | | | | | |
| | NR - WR HVDC 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-May-25 | 0.00 | 2.33 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 11.30 | 0.00 | 0.00 | 1.91 | 0.00 | | 2.17 | 19.74 | 0.00 | 0.00 | 1.35 | 38.80 |
| 2-May-25 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 10.77 | 0.00 | 0.00 | 3.80 | 1.45 | | 4.54 | 19.51 | 0.00 | 0.00 | 2.20 | 42.27 |
| 3-May-25 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 10.60 | 0.00 | 0.00 | 1.00 | 0.31 | | 0.94 | 20.75 | 0.00 | 0.00 | 1.09 | 34.69 |
| 4-May-25 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 9.79 | 0.00 | 0.00 | 1.71 | 0.52 | | 0.46 | 19.63 | 0.00 | 0.00 | 0.38 | 32.49 |
| 5-May-25 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 9.70 | 5.30 | 0.00 | 2.54 | 5.33 | | 3.25 | 20.78 | 0.00 | 0.00 | 0.98 | 47.88 |
| 6-May-25 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 8.68 | 3.94 | 0.00 | 0.68 | 3.20 | | 2.40 | 20.14 | 0.00 | 0.00 | 0.98 | 40.02 |
| 7-May-25 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 8.63 | 8.07 | 0.00 | 1.95 | 0.46 | 0.00 | 2.62 | 19.50 | 0.00 | 0.00 | 0.74 | 41.97 |
| 8-May-25 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 8.76 | 0.00 | 0.00 | 5.09 | 1.94 | 0.00 | 5.41 | 20.48 | 0.00 | 0.00 | 1.22 | 42.90 |
| 9-May-25 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 9.35 | 0.00 | 0.00 | 3.65 | 1.70 | 0.00 | 4.53 | 20.92 | 0.00 | 0.00 | 1.18 | 41.33 |
| 10-May-25 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 9.40 | 0.00 | 0.00 | 5.22 | 1.75 | 1.60 | 5.71 | 20.91 | 0.00 | 0.00 | 1.37 | 45.96 |
| 11-May-25 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 8.80 | 0.00 | 0.00 | 5.50 | 2.20 | 0.00 | 5.87 | 20.47 | 0.00 | 0.00 | 1.14 | 43.98 |
| 12-May-25 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 8.05 | 0.00 | 0.00 | 6.50 | 2.45 | 0.00 | 6.92 | 21.96 | 0.00 | 0.00 | 1.34 | 47.22 |
| 13-May-25 | 0.00 | 0.00 | 0.00 | 0.00 | 2.35 | 0.00 | 0.00 | 7.30 | 0.00 | 0.00 | 3.90 | 1.90 | 0.00 | 6.30 | 20.93 | 0.00 | 0.00 | 1.90 | 44.58 |
| 14-May-25 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 7.78 | 0.00 | 0.00 | 2.47 | 1.40 | 0.00 | 4.27 | 20.33 | 0.00 | 0.00 | 1.88 | 38.13 |
| 15-May-25 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 8.13 | 0.00 | 0.00 | 1.80 | 1.20 | 0.00 | 3.51 | 20.56 | 0.00 | 0.00 | 2.03 | 37.23 |
| 16-May-25 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 7.92 | 0.00 | 0.00 | 2.36 | 0.64 | 0.00 | 3.99 | 19.68 | 0.00 | 0.00 | 2.04 | 36.63 |
| 17-May-25 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 8.88 | 0.00 | 0.00 | 1.15 | 0.30 | 0.00 | 2.28 | 19.96 | 0.00 | 0.00 | 0.95 | 33.52 |
| 18-May-25 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 10.83 | 1.01 | 0.00 | 0.00 | 1.43 | 0.00 | 1.01 | 19.42 | 0.00 | 0.00 | 0.66 | 34.36 |
| 19-May-25 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 10.44 | 3.77 | 0.00 | 1.48 | 2.00 | 0.00 | 2.06 | 20.28 | 0.00 | 0.00 | 1.54 | 41.57 |
| 20-May-25 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 10.97 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 20.14 | 0.00 | 0.00 | 1.05 | 32.16 |
| 21-May-25 | 0.00 | 0.94 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 11.50 | 4.05 | 0.00 | 0.00 | 1.90 | 0.00 | 0.13 | 19.99 | 0.00 | 0.00 | 0.70 | 39.21 |
| 22-May-25 | 0.00 | 9.18 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 10.40 | 1.15 | 0.00 | 0.00 | 1.54 | 0.00 | 0.00 | 19.06 | 0.00 | 0.00 | 0.25 | 41.58 |
| 23-May-25 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 10.65 | 0.00 | 0.00 | 0.00 | 0.96 | 0.00 | 0.00 | 19.84 | 0.00 | 0.00 | 0.15 | 31.60 |
| 24-May-25 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 10.04 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 19.73 | 0.00 | 0.00 | 0.10 | 29.87 |
| 25-May-25 | 0.00 | 2.27 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 10.24 | 0.00 | 0.00 | 0.51 | 0.00 | 0.00 | 0.55 | 17.85 | 0.00 | 0.00 | 0.90 | 32.32 |
| 26-May-25 | 0.00 | 2.43 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 9.98 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 19.32 | 0.00 | 0.00 | 0.20 | 31.93 |
| 27-May-25 | 0.00 | 4.58 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 9.10 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 7.72 | 0.00 | 0.00 | 0.00 | 21.40 |
| 28-May-25 | 0.00 | 7.41 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 9.77 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 17.18 |
| 29-May-25 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 8.86 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.19 | 9.05 |
| 30-May-25 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 8.32 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.13 | 8.45 |
| 31-May-25 | 0.00 | 0.12 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 7.49 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 7.61 |
| Total | 0.00 | 29.26 | 0.00 | 0.00 | 2.35 | 0.00 | 0.00 | 292.43 | 27.29 | 0.00 | 53.22 | 34.58 | 1.60 | 68.92 | 529.60 | 0.00 | 0.00 | 28.64 | 1067.89 |

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

| Date | 15.2 Import-Export of NR with ER & NER during May 2025 | | | | | | | | | | | | | | | | | | | |
|--------------|--|---|---|-----------------------------------|--|---|---|---|--|---|--|--|--|---|---|---|--------------------------------------|----------------|--|-----------------|
| | Import of NR from ER (ER-NR) | | | | | | | | | | | | | | | | Import of NR from NER (NER-NR) | | | |
| | ER - NR HVDC Alipurduar - 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 Moihari - Gorakhpur D/C | ER - NR 400 kV Biharshariff - Varanasi 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-May-25 | 4.73 | 8.29 | 10.61 | 11.12 | 4.87 | 0.40 | 4.99 | | 1.00 | 1.35 | 3.10 | 3.70 | 0.18 | 0.00 | | | 54.34 | 0.00 | 0.00 | |
| 2-May-25 | 0.60 | 4.08 | 6.98 | 7.87 | 1.57 | 0.00 | 4.10 | | 2.12 | 0.25 | 1.92 | 1.49 | 0.48 | 0.00 | | | 31.46 | 0.00 | 0.00 | |
| 3-May-25 | 2.43 | 5.79 | 8.31 | 7.85 | 0.87 | 0.00 | 3.80 | | 2.01 | 0.38 | 1.78 | 1.57 | 0.00 | 0.48 | | | 35.27 | 0.00 | 0.00 | |
| 4-May-25 | 2.40 | 3.33 | 7.52 | 6.55 | 0.32 | 0.00 | 4.37 | | 1.75 | 0.60 | 1.37 | 0.42 | 0.48 | 0.00 | | | 29.11 | 0.00 | 0.00 | |
| 5-May-25 | 1.81 | 0.00 | 4.57 | 4.31 | 0.00 | 0.00 | 2.50 | | 2.25 | 0.10 | 0.63 | 0.00 | 0.60 | 0.00 | | | 16.77 | 0.00 | 0.00 | |
| 6-May-25 | 1.22 | 0.00 | 4.39 | 3.33 | 0.00 | 0.00 | 3.15 | | 1.90 | 0.36 | 0.31 | 0.00 | 0.00 | 0.00 | | | 14.66 | 0.00 | 0.00 | |
| 7-May-25 | 0.00 | 0.00 | 7.75 | 3.06 | 0.00 | 0.00 | 2.34 | | 2.04 | 0.24 | 0.11 | 0.00 | 0.00 | 0.00 | | | 15.54 | 0.00 | 0.00 | |
| 8-May-25 | 0.00 | 0.00 | 3.78 | 0.75 | 0.00 | 0.00 | 0.90 | | 2.01 | 0.24 | 0.00 | 0.00 | 0.00 | 0.00 | | | 7.68 | 0.00 | 0.00 | |
| 9-May-25 | 0.00 | 0.00 | 0.00 | 5.45 | 1.00 | 0.00 | 0.00 | 1.17 | | 2.39 | 0.00 | 0.00 | 0.00 | 0.00 | | | 10.01 | 0.00 | 0.00 | |
| 10-May-25 | 0.00 | 0.00 | 0.00 | 5.58 | 0.88 | 0.00 | 0.00 | 1.12 | | 2.09 | 0.00 | 0.00 | 0.00 | 1.18 | | | 10.85 | 0.00 | 0.00 | |
| 11-May-25 | 0.00 | 0.00 | 5.80 | 1.11 | 0.00 | 0.00 | 1.34 | | 2.11 | 0.00 | 0.00 | 0.00 | 1.70 | 0.00 | | | 12.06 | 0.00 | 0.00 | |
| 12-May-25 | 0.00 | 0.00 | 8.11 | 3.10 | 0.00 | 0.00 | 1.59 | | 2.40 | 0.00 | 0.00 | 0.00 | 1.40 | 0.00 | | | 16.60 | 0.00 | 0.00 | |
| 13-May-25 | 0.00 | 0.00 | 8.71 | 3.74 | 1.10 | 0.00 | 2.50 | | 2.56 | 0.00 | 0.30 | 0.00 | 2.00 | | | | 20.91 | 0.00 | 0.00 | |
| 14-May-25 | 0.00 | 0.00 | 8.77 | 0.66 | 0.00 | 0.00 | 0.00 | | 3.13 | 0.00 | 0.80 | 0.00 | 1.65 | | | | 15.01 | 0.00 | 0.00 | |
| 15-May-25 | 0.00 | 0.00 | 9.16 | 2.91 | 0.48 | 0.00 | 1.62 | | 2.60 | 0.00 | 0.00 | 0.00 | 1.75 | | | | 18.52 | 0.00 | 0.00 | |
| 16-May-25 | 0.00 | 0.00 | 8.79 | 5.13 | 4.21 | 0.00 | 3.34 | | 2.65 | 0.00 | 1.42 | 0.00 | 2.12 | | | | 27.66 | 0.00 | 0.00 | |
| 17-May-25 | 0.96 | 3.00 | 5.50 | 10.38 | 7.11 | 0.33 | 5.40 | | 2.04 | 0.34 | 2.64 | 3.41 | 2.25 | 0.00 | | | 43.36 | 0.00 | 0.00 | |
| 18-May-25 | 3.11 | 6.26 | 7.15 | 13.24 | 8.10 | 1.08 | 7.06 | | 1.81 | 0.45 | 3.78 | 2.83 | 2.35 | 0.00 | | | 57.22 | 0.00 | 0.00 | |
| 19-May-25 | 3.52 | 8.93 | 7.25 | 12.05 | 8.10 | 1.42 | 7.18 | | 1.41 | 0.00 | 3.58 | 2.83 | 2.10 | 0.00 | | | 58.37 | 0.00 | 0.00 | |
| 20-May-25 | 3.87 | 5.18 | 12.00 | 12.42 | 9.63 | 1.88 | 6.89 | | 1.79 | 0.45 | 2.91 | 2.51 | 2.13 | | | | 61.66 | 0.00 | 0.00 | |
| 21-May-25 | 0.00 | 2.40 | 1.41 | 10.70 | 9.90 | 5.35 | 0.58 | 6.12 | | 2.01 | 0.27 | 2.50 | 2.03 | 2.38 | | | 45.65 | 0.00 | 0.00 | |
| 22-May-25 | 0.00 | 0.00 | 7.67 | 6.85 | 3.29 | 0.00 | 3.54 | | 2.45 | 0.00 | 1.41 | 0.18 | 2.05 | | | | 27.44 | 0.00 | 0.00 | |
| 23-May-25 | 0.75 | 0.00 | 10.98 | 7.94 | 2.11 | 0.00 | 3.87 | | 1.81 | 0.45 | 1.84 | 1.56 | 2.61 | | | | 33.92 | 0.00 | 0.00 | |
| 24-May-25 | 0.00 | 0.00 | 10.32 | 5.79 | 3.07 | 0.00 | 3.20 | | 2.11 | 0.10 | 0.95 | | 2.39 | | | | 27.93 | 0.00 | 0.00 | |
| 25-May-25 | 0.00 | 0.00 | 6.90 | 0.25 | 0.00 | 0.00 | 1.10 | | 2.89 | 0.00 | 0.65 | 0.00 | 2.00 | | | | 13.79 | 0.00 | 0.00 | |
| 26-May-25 | 0.00 | 0.00 | 8.79 | 4.11 | 4.13 | 0.00 | 4.10 | | 1.60 | 0.73 | 0.43 | 1.00 | 2.18 | | | | 27.07 | 0.00 | 0.00 | |
| 27-May-25 | 1.38 | 2.78 | 10.10 | 8.50 | 7.65 | 0.00 | 6.30 | | 1.33 | 0.98 | 1.98 | 1.98 | 1.75 | | | | 44.73 | 0.00 | 0.00 | |
| 28-May-25 | 0.31 | 0.00 | 16.20 | 12.39 | 7.58 | 1.22 | 6.97 | | 1.47 | 0.42 | 3.30 | 1.64 | 1.61 | | | | 53.11 | 0.00 | 0.00 | |
| 29-May-25 | 2.45 | 6.60 | 15.50 | 17.70 | 11.62 | 3.29 | 9.70 | | 1.99 | 0.33 | 5.19 | 4.80 | 2.70 | 0.00 | | | 81.87 | 0.00 | 0.00 | |
| 30-May-25 | 1.45 | 1.15 | 10.74 | 11.02 | 11.77 | 2.15 | 7.36 | | 1.98 | 0.28 | 2.77 | 1.15 | 2.46 | | | | 54.28 | 11.95 | 11.95 | |
| 31-May-25 | 0.00 | 0.00 | 9.17 | 7.50 | 10.20 | 0.17 | 5.71 | | 2.48 | 0.00 | 1.65 | 0.33 | 1.85 | | | | 39.06 | 11.01 | 11.01 | |
| Total | 0.00 | 33.39 | 56.80 | 263.25 | 203.41 | 113.13 | 12.52 | 123.33 | 0.00 | 64.18 | 8.32 | 47.32 | 33.43 | 46.35 | 0.48 | 0.00 | 0.00 | 1005.91 | 22.96 | 22.96 |

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

| Date | 15.2 Import-Export of NR with ER & NER during May 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 Balia - 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 - Biharshariff 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 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-May-25 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 12.69 | 12.69 | |
| 2-May-25 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 3.41 | 0.00 | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 3.41 | 12.46 | 12.46 | |
| 3-May-25 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 5.32 | 0.00 | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.49 | 0.00 | | | 5.81 | 12.09 | 12.09 | |
| 4-May-25 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 5.67 | 0.00 | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.03 | 5.70 | 12.39 | 12.39 | |
| 5-May-25 | 0.00 | 2.42 | 0.00 | 0.00 | 2.43 | 7.15 | 0.00 | | 0.00 | 0.00 | 0.00 | 1.51 | 0.00 | 0.00 | 0.00 | 0.00 | 0.38 | 13.89 | 12.55 | 12.55 | |
| 6-May-25 | 0.00 | 2.12 | 0.00 | 0.00 | 0.37 | 6.20 | 0.00 | | 0.00 | 0.00 | 0.00 | 0.94 | 0.47 | 0.00 | 0.00 | 0.00 | 0.28 | 10.38 | 11.10 | 11.10 | |
| 7-May-25 | 0.58 | 5.56 | 0.00 | 0.00 | 2.93 | 6.98 | 0.00 | | 0.00 | 0.00 | 0.00 | 1.43 | | 0.39 | | 0.06 | 17.93 | 11.20 | 11.20 | | |
| 8-May-25 | 2.47 | 7.52 | 0.00 | 0.00 | 4.97 | 9.53 | 0.00 | | 0.00 | 0.00 | 0.74 | 3.10 | 0.20 | | | 0.64 | 29.17 | 12.11 | 12.11 | | |
| 9-May-25 | 0.00 | 1.63 | 6.40 | 0.00 | 0.00 | 5.38 | 9.65 | 0.00 | | 0.00 | 0.13 | 0.71 | 2.73 | 0.20 | | | 0.62 | 27.45 | 12.20 | 12.20 | |
| 10-May-25 | 0.00 | 2.07 | 7.53 | 0.00 | 0.00 | 5.47 | 10.16 | 0.00 | | 0.00 | 0.53 | 0.89 | 3.27 | 0.00 | | | 0.58 | 30.50 | 12.45 | 12.45 | |
| 11-May-25 | | 2.47 | 8.40 | 0.00 | 0.00 | 2.38 | 7.67 | 0.00 | | 0.00 | 1.11 | 0.57 | 2.95 | 0.00 | 0.00 | | 0.59 | 26.14 | 11.90 | 11.90 | |
| 12-May-25 | | 3.60 | 10.45 | 0.00 | 0.00 | 2.82 | 6.35 | 0.00 | | 0.00 | 1.20 | 1.40 | 2.15 | 0.00 | 0.00 | | 0.72 | 28.69 | 9.17 | 9.17 | |
| 13-May-25 | | 3.27 | 6.60 | 0.00 | 0.00 | 0.00 | 3.85 | 0.00 | | 0.00 | 0.75 | 0.00 | 1.60 | 0.00 | | | 0.71 | 16.78 | 10.73 | 10.73 | |
| 14-May-25 | | 6.02 | 11.02 | 0.00 | 0.00 | 2.18 | 5.72 | 0.05 | | 0.00 | 0.71 | 0.00 | 3.70 | 0.00 | | | 0.76 | 30.16 | 10.49 | 10.49 | |
| 15-May-25 | | 3.03 | 7.62 | 0.00 | 0.00 | 0.00 | 4.30 | 0.00 | | 0.00 | 0.22 | 0.05 | 2.18 | 0.00 | | | 0.73 | 18.13 | 11.80 | 11.80 | |
| 16-May-25 | | 2.23 | 6.22 | 0.00 | 0.00 | 0.00 | 2.46 | 0.00 | | 0.00 | 0.46 | 0.00 | 1.25 | 0.00 | | | 0.63 | 13.25 | 14.35 | 14.35 | |
| 17-May-25 | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | 0.00 | 0.00 | 0.00 | 1.76 | 0.00 | 0.00 | | 0.62 | 2.38 | 12.20 | 12.20 | |
| 18-May-25 | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | 0.68 | 0.68 | 11.50 | 11.50 | |
| 19-May-25 | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | 0.00 | 0.26 | 0.00 | 0.00 | 0.00 | 0.00 | | 0.56 | 0.82 | 12.12 | 12.12 | |
| 20-May-25 | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | 0.10 | 0.62 | 0.72 | 12.03 | |
| 21-May-25 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | 0.48 | 0.48 | 13.62 | 13.62 | |
| 22-May-25 | | 0.65 | 1.52 | 0.00 | 0.00 | 0.00 | 0.93 | 0.00 | | 0.00 | 0.21 | 0.00 | 0.00 | 0.00 | 0.00 | | | 0.26 | 3.57 | 12.05 | 12.05 |
| 23-May-25 | | 0.00 | 0.37 | 0.00 | 0.00 | 0.00 | 0.56 | 0.00 | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | | 0.50 | 1.43 | 11.74 | 11.74 |
| 24-May-25 | | 0.32 | 4.14 | 0.00 | 0.00 | 0.00 | 1.18 | 0.00 | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | | 0.56 | 6.20 | 11.82 | 11.82 |
| 25-May-25 | | 4.27 | 11.00 | 0.00 | 0.00 | 0.90 | 5.02 | 0.00 | | 0.00 | 0.65 | 0.00 | 2.20 | 0.00 | | | | 0.63 | 24.67 | 12.43 | 12.43 |
| 26-May-25 | | 0.28 | 0.23 | 0.00 | 0.00 | 0.00 | 2.19 | 0.00 | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | | 0.60 | 3.30 | 11.49 | 11.49 |
| 27-May-25 | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.21 | 0.00 | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | | 0.65 | 0.86 | 11.93 | 11.93 |
| 28-May-25 | | 0.00 | 1.47 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | | 0.71 | 2.18 | 11.90 | 11.90 |
| 29-May-25 | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | | 0.72 | 0.72 | 4.50 | 4.50 |
| 30-May-25 | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | | 0.64 | 0.64 | 0.00 | 0.00 |
| 31-May-25 | | 1.59 | 5.58 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | 0.00 | 0.29 | 0.00 | 0.00 | 0.00 | 0.00 | | | 0.55 | 8.01 | 0.00 | 0.00 |
| Total | 0.00 | 34.48 | 106.17 | 0.00 | 0.00 | 29.83 | 104.51 | 0.05 | 0.00 | 0.00 | 6.52 | 4.36 | 30.77 | 1.36 | 0.39 | 0.10 | 15.51 | 334.05 | 339.01 | 339.01 | |

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

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

| Date | 15.3 Import and Export of ER with WR & NER during May 2025 | | | | | | | | | | | | | | | | | | | | | | | |
|-----------|--|---|--------------------------------------|-----------------------------------|---|---------------------------------------|-------------------------------------|--------------------------------|---|---------------------------|------------------------------------|-------------------------------------|---|---------------------------------------|-------------------------------------|---------------|---|---|--|----------------|---|---|--|----------------|
| | 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 Dharamnayaga rh - Ranchi 2x5/C | WR - ER 765 kV Dharamnayagar h - Jharsuguda Q/C | WR - ER 765 kV Durg - Jharsuguda D/C | WR - ER 400 kV Sipat - Ranchi D/C | WR - ER 400 kV Raigarh - Jharsuguda 2xD/C | WR - ER 220 kV Korba - Budhipadar D/C | WR - ER 220 kV Raigarh - Budhipadar | Total WR - ER | ER - WR 765 kV Dharamnayaga rh - Ranchi 2x5/C | ER-WR 765 kV Dharamnayaga | 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 Korba - Budhipadar D/C | ER - WR 220 kV Raigarh - Budhipadar | 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-May-25 | 8.2 | 5.9 | 0.0 | 1.5 | 0.0 | 0.7 | 0.0 | 16.31 | 4.4 | 8.4 | 17.3 | 1.4 | 7.1 | 0.7 | 1.7 | 40.98 | 0.23 | 1.01 | 0.02 | 1.26 | 2.83 | 3.75 | 0.93 | 7.52 |
| 2-May-25 | 7.5 | 8.2 | 0.0 | 0.9 | 0.0 | 0.6 | 0.0 | 17.22 | 1.5 | 3.3 | 11.9 | 0.9 | 7.0 | 0.4 | 1.0 | 26.04 | 0.01 | 0.05 | 0.00 | 0.05 | 3.55 | 4.94 | 1.28 | 9.77 |
| 3-May-25 | 13.3 | 3.5 | 0.0 | 2.0 | 0.0 | 0.5 | 0.0 | 19.27 | 0.4 | 6.6 | 12.1 | 0.7 | 8.1 | 0.4 | 1.4 | 29.67 | 0.58 | 1.00 | 0.05 | 1.63 | 1.75 | 2.44 | 0.67 | 4.86 |
| 4-May-25 | 18.8 | 1.6 | 0.0 | 3.0 | 0.0 | 0.7 | 0.1 | 24.20 | 0.3 | 11.0 | 12.2 | 0.3 | 8.0 | 0.4 | 1.2 | 33.38 | 1.25 | 2.21 | 0.23 | 3.69 | 0.68 | 0.78 | 0.25 | 1.71 |
| 5-May-25 | 15.7 | 1.3 | 0.0 | 2.4 | 0.0 | 0.5 | 0.0 | 19.91 | 0.4 | 9.7 | 11.9 | 0.4 | 7.1 | 0.3 | 1.1 | 30.80 | 0.95 | 2.65 | 0.33 | 3.92 | 0.76 | 0.65 | 0.13 | 1.55 |
| 6-May-25 | 16.0 | 2.7 | 0.0 | 2.9 | 0.3 | 1.2 | 0.0 | 23.08 | 0.2 | 5.9 | 9.7 | 0.2 | 3.9 | 0.0 | 0.7 | 20.67 | 0.34 | 1.03 | 0.07 | 1.44 | 0.88 | 1.17 | 0.36 | 2.41 |
| 7-May-25 | 24.1 | 7.1 | 0.1 | 4.9 | 1.4 | 2.1 | 0.4 | 40.15 | 0.0 | 3.0 | 6.8 | 0.1 | 2.7 | 0.0 | 0.0 | 12.69 | 0.96 | 1.75 | 0.09 | 2.80 | 0.79 | 0.90 | 0.35 | 2.04 |
| 8-May-25 | 26.7 | 8.0 | 0.1 | 5.5 | 1.6 | 2.5 | 0.6 | 45.06 | 0.0 | 2.0 | 6.7 | 0.0 | 1.3 | 0.0 | 0.1 | 10.08 | 1.28 | 2.50 | 0.20 | 3.98 | 0.82 | 1.03 | 0.46 | 2.31 |
| 9-May-25 | 28.0 | 6.2 | 0.0 | 5.8 | 2.1 | 2.6 | 0.2 | 44.83 | 0.0 | 3.8 | 7.1 | 0.0 | 1.6 | 0.0 | 0.2 | 12.69 | 2.59 | 4.33 | 0.67 | 7.59 | 0.38 | 0.32 | 0.18 | 0.87 |
| 10-May-25 | 28.0 | 4.4 | 0.0 | 5.8 | 0.9 | 2.1 | 0.3 | 41.44 | 0.0 | 5.9 | 7.5 | 0.0 | 1.4 | 0.0 | 0.2 | 14.97 | 2.61 | 4.35 | 0.63 | 7.58 | 1.48 | 2.17 | 0.61 | 4.26 |
| 11-May-25 | 30.8 | 6.0 | 0.1 | 6.1 | 0.8 | 1.2 | 0.5 | 45.49 | 0.0 | 3.4 | 6.3 | 0.1 | 2.2 | 0.0 | 0.1 | 12.11 | 0.00 | 0.00 | 0.00 | 0.00 | 4.48 | 5.41 | 1.59 | 11.48 |
| 12-May-25 | 32.1 | 5.3 | 0.0 | 6.9 | 0.7 | 1.2 | 0.5 | 46.81 | 0.0 | 7.2 | 6.8 | 0.0 | 2.6 | 0.0 | 0.1 | 16.71 | 1.03 | 2.19 | 0.34 | 3.56 | 1.40 | 1.35 | 0.42 | 3.17 |
| 13-May-25 | 29.9 | 2.2 | 0.0 | 5.9 | 0.1 | 0.6 | 0.1 | 38.69 | 0.0 | 6.4 | 7.7 | 0.0 | 4.2 | 0.0 | 0.3 | 18.61 | 0.00 | 1.59 | 0.13 | 1.72 | 2.35 | 1.57 | 0.37 | 4.28 |
| 14-May-25 | 37.8 | 2.1 | 0.0 | 7.7 | 0.4 | 0.7 | 0.1 | 48.76 | 0.0 | 8.9 | 6.2 | 0.0 | 3.1 | 0.0 | 0.2 | 18.34 | 0.18 | 2.14 | 0.16 | 2.47 | 2.52 | 2.36 | 0.57 | 5.45 |
| 15-May-25 | 34.1 | 2.6 | 0.0 | 6.1 | 0.2 | 0.6 | 0.2 | 43.83 | 0.0 | 9.6 | 7.0 | 0.0 | 3.6 | 0.0 | 0.3 | 20.56 | 0.00 | 0.22 | 0.00 | 0.22 | 4.61 | 3.44 | 1.02 | 9.08 |
| 16-May-25 | 32.7 | 2.8 | 0.0 | 5.8 | 0.4 | 0.5 | 0.3 | 42.49 | 0.0 | 5.8 | 6.5 | 0.0 | 4.2 | 0.1 | 0.2 | 16.82 | 0.00 | 0.06 | 0.00 | 0.06 | 7.08 | 5.70 | 1.54 | 14.31 |
| 17-May-25 | 25.7 | 1.1 | 0.0 | 3.9 | 0.3 | 0.4 | 0.1 | 31.47 | 0.0 | 8.0 | 7.3 | 0.1 | 4.8 | 0.1 | 0.3 | 20.59 | 0.00 | 0.23 | 0.00 | 0.23 | 6.46 | 6.40 | 1.53 | 14.38 |
| 18-May-25 | 23.5 | 2.2 | 0.0 | 3.3 | 0.1 | 0.4 | 0.2 | 29.83 | 0.1 | 9.1 | 8.0 | 0.3 | 6.1 | 0.1 | 0.5 | 24.24 | 0.00 | 0.36 | 0.00 | 0.36 | 5.45 | 5.75 | 1.50 | 12.70 |
| 19-May-25 | 16.8 | 1.8 | 0.0 | 2.1 | 0.0 | 0.3 | 0.0 | 20.94 | 0.2 | 10.5 | 9.5 | 0.7 | 5.5 | 0.1 | 0.6 | 27.11 | 0.00 | 0.02 | 0.00 | 0.02 | 5.41 | 5.53 | 1.36 | 12.30 |
| 20-May-25 | 25.2 | 0.4 | 0.0 | 3.8 | 0.4 | 0.3 | 0.1 | 30.21 | 0.0 | 15.7 | 7.0 | 0.2 | 3.4 | 0.1 | 0.6 | 26.95 | 0.00 | 0.00 | 0.00 | 0.00 | 6.09 | 5.77 | 1.43 | 13.30 |
| 21-May-25 | 26.6 | 3.1 | 0.0 | 4.4 | 0.8 | 0.4 | 0.1 | 35.42 | 0.0 | 13.0 | 6.8 | 0.1 | 2.2 | 0.0 | 0.5 | 22.61 | 0.00 | 0.00 | 0.00 | 0.00 | 5.68 | 4.02 | 1.20 | 10.89 |
| 22-May-25 | 28.4 | 9.5 | 0.6 | 5.9 | 1.6 | 0.9 | 0.4 | 47.35 | 0.0 | 6.7 | 6.0 | 0.0 | 1.8 | 0.0 | 0.5 | 14.98 | 0.00 | 0.06 | 0.00 | 0.06 | 5.74 | 5.16 | 1.27 | 12.17 |
| 23-May-25 | 33.2 | 4.3 | 0.3 | 6.6 | 1.5 | 1.2 | 0.5 | 47.68 | 0.0 | 9.7 | 5.8 | 0.0 | 1.7 | 0.0 | 0.3 | 17.56 | 0.09 | 1.11 | 0.09 | 1.28 | 3.10 | 2.07 | 0.59 | 5.75 |
| 24-May-25 | 35.5 | 6.8 | 0.1 | 7.5 | 1.4 | 1.3 | 0.8 | 53.38 | 0.0 | 9.6 | 6.1 | 0.0 | 2.3 | 0.0 | 0.0 | 18.11 | 0.18 | 1.47 | 0.12 | 1.77 | 2.22 | 0.58 | 0.29 | 3.09 |
| 25-May-25 | 40.6 | 15.3 | 0.7 | 8.4 | 2.0 | 1.4 | 1.2 | 69.67 | 0.0 | 5.4 | 4.1 | 0.0 | 1.0 | 0.0 | 0.0 | 10.56 | 0.77 | 3.19 | 0.42 | 4.37 | 1.26 | 0.41 | 0.19 | 1.86 |
| 26-May-25 | 37.8 | 8.9 | 0.5 | 8.0 | 2.1 | 1.2 | 1.2 | 59.60 | 0.0 | 8.6 | 4.2 | 0.0 | 0.7 | 0.0 | 0.0 | 13.46 | 0.73 | 3.25 | 0.38 | 4.36 | 1.34 | 0.46 | 0.16 | 1.97 |
| 27-May-25 | 36.7 | 6.7 | 0.3 | 8.1 | 2.1 | 1.0 | 1.0 | 55.90 | 0.0 | 11.4 | 4.7 | 0.0 | 0.5 | 0.0 | 0.0 | 16.59 | 0.23 | 4.29 | 0.41 | 4.94 | 1.15 | 0.01 | 0.01 | 1.17 |
| 28-May-25 | 38.1 | 5.0 | 1.0 | 8.7 | 3.3 | 1.6 | 1.1 | 58.65 | 0.0 | 12.5 | 5.4 | 0.0 | 0.7 | 0.0 | 0.0 | 18.63 | 0.00 | 1.35 | 0.01 | 1.37 | 3.65 | 1.00 | 0.53 | 5.18 |
| 29-May-25 | 24.8 | 0.2 | 0.5 | 5.1 | 1.8 | 1.0 | 0.4 | 33.82 | 0.0 | 17.1 | 6.6 | 0.0 | 2.4 | 0.2 | 0.4 | 26.66 | 0.07 | 1.37 | 0.08 | 1.52 | 4.29 | 1.28 | 0.67 | 6.25 |
| 30-May-25 | 29.7 | 4.7 | 1.3 | 6.3 | 2.8 | 1.6 | 0.4 | 46.82 | 0.0 | 9.8 | 4.7 | 0.0 | 1.5 | 0.1 | 0.5 | 16.66 | 0.00 | 0.00 | 0.00 | 0.00 | 7.77 | 3.32 | 1.73 | 12.82 |
| 31-May-25 | 41.2 | 12.6 | 2.9 | 9.5 | 6.9 | 2.3 | 0.7 | 76.16 | 0.0 | 5.6 | 2.3 | 0.0 | 0.0 | 0.0 | 0.3 | 8.13 | 0.05 | 1.49 | 0.09 | 1.63 | 5.92 | 3.07 | 1.08 | 10.06 |
| Total | 847.34 | 152.33 | 8.48 | 165.08 | 36.04 | 33.58 | 11.59 | 1254.44 | 7.39 | 253.52 | 232.42 | 5.53 | 102.70 | 2.91 | 13.49 | 617.96 | 14.14 | 45.27 | 4.51 | 63.92 | 101.88 | 82.82 | 24.26 | 208.96 |

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

| Date | Import of ER from SR (SR - ER) | | | | | | | | | | | | | | | | | | | | Export of WR to SR (WR-SR) | | | | | | | | | | | | | | | | | | | | Import of WR from SR (SR - WR) | | | | | | | | | |
|-----------|--------------------------------|------------------------------|------------------------------------|---------------|-----------------------|--------------------------------|------------------------------------|---------------|---------------------------|---------------------------------------|-------------------------------------|---------------------------------|----------------------------|-----------------------------------|----------------------------------|------------------------------------|---------------|-------------------------|---|-------------------------------------|---------------------------------|----------------------------|-------------------------------------|------------------------------------|---------------|--------------|--------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--------------------------------|--|--|--|--|--|--|--|--|--|
| | 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- Srikalukam D/C | Total ER - SR | SR - ER HVDC Gazuwaka | SR - ER HVDC Talchar - Kolar | SR-ER 765 KV Angul- Srikalukam D/C | Total SR - ER | WR - SR 765 KV Bhadrawati | WR-SR 765 KV Sholapur - Raichur 2x5/C | 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 Bhadrawati | SR - WR 765 KV Raichur - Sholapur 2x5/C | 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-May-25 | 0.00 | 38.03 | 52.75 | 90.78 | 4.79 | 0.00 | 0.00 | 4.79 | 18.93 | 4.46 | 29.39 | 0.00 | 56.53 | 2.64 | 0.00 | 35.49 | 147.43 | 0.00 | 4.45 | 0.00 | 23.03 | 0.00 | 0.00 | 0.00 | 0.00 | 27.47 | | | | | | | | | | | | | | | | | | | | | | | | |
| 2-May-25 | 1.68 | 42.65 | 53.04 | 97.37 | 3.14 | 0.00 | 0.00 | 3.14 | 17.05 | 8.01 | 33.44 | 0.00 | 94.79 | 2.51 | 0.00 | 39.18 | 194.97 | 0.00 | 1.30 | 0.00 | 22.94 | 0.00 | 0.00 | 0.00 | 0.00 | 24.24 | | | | | | | | | | | | | | | | | | | | | | | | |
| 3-May-25 | 2.92 | 40.27 | 50.06 | 93.25 | 1.18 | 0.00 | 0.00 | 1.18 | 12.20 | 4.07 | 26.08 | 0.00 | 82.79 | 2.72 | 0.00 | 30.95 | 158.80 | 0.00 | 10.28 | 0.00 | 29.59 | 0.00 | 0.00 | 0.00 | 0.00 | 39.87 | | | | | | | | | | | | | | | | | | | | | | | | |
| 4-May-25 | 2.62 | 35.26 | 44.55 | 82.42 | 0.00 | 0.00 | 0.00 | 0.00 | 12.46 | 1.69 | 20.48 | 0.00 | 65.11 | 2.57 | 0.00 | 24.23 | 126.54 | 0.00 | 13.48 | 1.15 | 30.20 | 0.00 | 0.00 | 0.00 | 0.00 | 45.30 | | | | | | | | | | | | | | | | | | | | | | | | |
| 5-May-25 | 2.79 | 36.63 | 51.75 | 91.17 | 0.00 | 0.00 | 0.00 | 0.00 | 9.76 | 9.95 | 29.03 | 0.00 | 89.22 | 2.60 | 0.00 | 33.65 | 174.22 | 0.00 | 7.41 | 0.00 | 23.08 | 0.00 | 0.00 | 0.00 | 0.00 | 30.49 | | | | | | | | | | | | | | | | | | | | | | | | |
| 6-May-25 | 6.63 | 40.19 | 47.28 | 94.11 | 0.00 | 0.00 | 0.00 | 0.00 | 7.37 | 6.59 | 28.85 | 0.00 | 105.20 | 2.68 | 0.00 | 33.52 | 184.21 | 0.00 | 3.90 | 0.00 | 24.31 | 0.00 | 0.00 | 0.00 | 0.00 | 28.22 | | | | | | | | | | | | | | | | | | | | | | | | |
| 7-May-25 | 7.42 | 38.24 | 41.29 | 86.94 | 0.00 | 0.00 | 0.00 | 0.00 | 8.86 | 6.52 | 22.95 | 0.00 | 76.77 | 2.56 | 0.00 | 28.28 | 145.94 | 0.00 | 4.46 | 0.00 | 23.48 | 0.00 | 0.00 | 0.00 | 0.00 | 27.94 | | | | | | | | | | | | | | | | | | | | | | | | |
| 8-May-25 | 7.42 | 39.86 | 42.73 | 90.01 | 0.00 | 0.00 | 0.00 | 0.00 | 7.36 | 11.49 | 26.06 | 0.00 | 67.75 | 2.61 | 0.00 | 32.76 | 148.03 | 0.00 | 3.52 | 0.00 | 22.84 | 0.00 | 0.00 | 0.00 | 0.00 | 26.37 | | | | | | | | | | | | | | | | | | | | | | | | |
| 9-May-25 | 5.17 | 42.90 | 42.77 | 90.84 | 0.00 | 0.00 | 0.00 | 0.00 | 7.37 | 8.22 | 22.86 | 0.00 | 88.92 | 2.59 | 0.00 | 31.23 | 161.17 | 0.00 | 4.62 | 0.00 | 25.24 | 0.00 | 0.00 | 0.00 | 0.00 | 29.87 | | | | | | | | | | | | | | | | | | | | | | | | |
| 10-May-25 | 2.66 | 39.60 | 43.09 | 85.35 | 0.00 | 0.00 | 0.00 | 0.00 | 7.36 | 4.43 | 22.98 | 0.00 | 102.92 | 2.71 | 0.00 | 30.54 | 170.94 | 0.00 | 4.82 | 0.00 | 24.83 | 0.00 | 0.00 | 0.00 | 0.00 | 29.65 | | | | | | | | | | | | | | | | | | | | | | | | |
| 11-May-25 | 2.66 | 33.67 | 38.86 | 75.19 | 0.00 | 0.00 | 0.00 | 0.00 | 7.37 | 2.41 | 17.68 | 0.00 | 84.20 | 2.52 | 0.00 | 23.96 | 138.16 | 0.00 | 12.84 | 0.16 | 29.04 | 0.00 | 0.00 | 0.00 | 0.00 | 42.04 | | | | | | | | | | | | | | | | | | | | | | | | |
| 12-May-25 | 1.18 | 45.10 | 41.87 | 88.16 | 4.57 | 0.00 | 0.00 | 4.57 | 11.87 | 1.18 | 19.00 | 0.00 | 91.35 | 2.44 | 0.00 | 25.15 | 150.99 | 0.00 | 13.45 | 0.16 | 27.65 | 0.00 | 0.00 | 0.00 | 0.00 | 41.26 | | | | | | | | | | | | | | | | | | | | | | | | |
| 13-May-25 | 0.00 | 43.00 | 48.39 | 91.39 | 8.52 | 0.00 | 0.00 | 8.52 | 19.47 | 4.79 | 24.57 | 0.00 | 75.36 | 2.65 | 0.00 | 30.87 | 157.70 | 0.00 | 7.66 | 0.00 | 24.59 | 0.00 | 0.00 | 0.00 | 0.00 | 32.24 | | | | | | | | | | | | | | | | | | | | | | | | |
| 14-May-25 | 0.76 | 40.40 | 41.63 | 82.79 | 5.05 | 0.00 | 0.00 | 5.05 | 24.15 | 3.38 | 18.66 | 0.00 | 72.26 | 2.65 | 0.00 | 23.92 | 145.01 | 0.00 | 9.26 | 0.00 | 26.00 | 0.00 | 0.00 | 0.00 | 0.00 | 35.26 | | | | | | | | | | | | | | | | | | | | | | | | |
| 15-May-25 | 1.85 | 39.04 | 40.97 | 81.86 | 1.30 | 0.00 | 0.00 | 1.30 | 16.17 | 6.09 | 18.40 | 0.00 | 52.60 | 2.59 | 0.00 | 24.23 | 120.07 | 0.00 | 10.34 | 0.32 | 24.20 | 0.00 | 0.00 | 0.00 | 0.00 | 34.87 | | | | | | | | | | | | | | | | | | | | | | | | |
| 16-May-25 | 1.52 | 44.02 | 44.72 | 90.25 | 1.11 | 0.00 | 0.00 | 1.11 | 7.38 | 7.96 | 24.26 | 0.00 | 36.21 | 2.49 | 0.00 | 30.37 | 108.68 | 0.00 | 5.20 | 0.00 | 22.25 | 0.00 | 0.00 | 0.00 | 0.00 | 27.45 | | | | | | | | | | | | | | | | | | | | | | | | |
| 17-May-25 | 0.00 | 38.88 | 46.40 | 85.28 | 2.59 | 0.00 | 0.00 | 2.59 | 7.39 | 4.15 | 20.57 | 0.00 | 28.62 | 2.53 | 0.00 | 28.06 | 91.33 | 0.00 | 6.06 | 0.00 | 23.84 | 0.00 | 0.00 | 0.00 | 0.00 | 29.90 | | | | | | | | | | | | | | | | | | | | | | | | |
| 18-May-25 | 0.00 | 32.40 | 41.71 | 74.11 | 2.59 | 0.00 | 0.00 | 2.59 | 7.38 | 1.05 | 15.70 | 0.00 | 20.88 | 2.34 | 0.00 | 20.43 | 67.78 | 0.00 | 15.65 | 1.53 | 26.30 | 0.00 | 0.00 | 0.00 | 0.00 | 44.25 | | | | | | | | | | | | | | | | | | | | | | | | |
| 19-May-25 | 0.00 | 38.78 | 49.88 | 88.66 | 2.59 | 0.00 | 0.00 | 2.59 | 7.36 | 8.49 | 29.67 | 0.00 | 26.61 | 2.57 | 0.00 | 34.65 | 109.35 | 0.00 | 3.91 | 0.00 | 18.89 | 0.00 | 0.00 | 0.00 | 0.00 | 22.80 | | | | | | | | | | | | | | | | | | | | | | | | |
| 20-May-25 | 0.00 | 40.05 | 35.61 | 75.66 | 5.64 | 0.00 | 0.00 | 5.64 | 3.25 | 1.30 | 13.79 | 0.00 | 22.81 | 1.98 | 0.00 | 16.95 | 60.08 | 8.27 | 19.79 | 1.50 | 23.47 | 0.00 | 0.00 | 0.00 | 0.00 | 54.46 | | | | | | | | | | | | | | | | | | | | | | | | |
| 21-May-25 | 0.00 | 41.90 | 39.33 | 81.24 | 11.94 | 0.00 | 0.00 | 11.94 | 0.00 | 1.82 | 15.72 | 0.00 | 25.01 | 1.93 | 0.01 | 19.59 | 64.08 | 13.88 | 15.26 | 1.56 | 33.18 | 0.00 | 0.00 | 0.00 | 0.00 | 65.13 | | | | | | | | | | | | | | | | | | | | | | | | |
| 22-May-25 | 0.00 | 40.63 | 39.99 | 80.62 | 11.73 | 0.00 | 0.00 | 11.73 | 0.00 | 1.00 | 16.69 | 0.00 | 47.10 | 1.98 | 0.01 | 22.80 | 89.57 | 11.13 | 14.83 | 1.29 | 33.46 | 0.00 | 0.00 | 0.00 | 0.00 | 61.24 | | | | | | | | | | | | | | | | | | | | | | | | |
| 23-May-25 | 0.00 | 35.82 | 39.05 | 74.87 | 2.65 | 0.00 | 0.00 | 2.65 | 0.00 | 1.47 | 17.12 | 0.00 | 26.22 | 2.15 | 0.01 | 22.37 | 69.33 | 16.72 | 12.52 | 0.52 | 32.93 | 0.00 | 0.00 | 0.00 | 0.00 | 62.77 | | | | | | | | | | | | | | | | | | | | | | | | |
| 24-May-25 | 0.00 | 33.53 | 37.41 | 70.94 | 7.23 | 0.00 | 0.00 | 7.23 | 0.00 | 0.21 | 17.68 | 0.00 | 20.90 | 2.08 | 0.00 | 14.41 | 55.28 | 23.95 | 13.39 | 1.64 | 31.42 | 0.00 | 0.00 | 0.00 | 0.00 | 71.19 | | | | | | | | | | | | | | | | | | | | | | | | |
| 25-May-25 | 0.00 | 29.67 | 29.50 | 59.17 | 7.11 | 0.00 | 0.00 | 7.11 | 0.00 | 0.07 | 10.86 | 0.00 | 19.39 | 2.01 | 0.00 | 14.68 | 47.01 | 23.96 | 19.58 | 2.32 | 34.51 | 0.00 | 0.00 | 0.00 | 0.00 | 81.48 | | | | | | | | | | | | | | | | | | | | | | | | |
| 26-May-25 | 0.00 | 35.02 | 28.36 | 63.38 | 7.11 | 0.00 | 0.00 | 7.11 | 0.00 | 0.03 | 7.76 | 0.00 | 17.40 | 2.00 | 0.00 | 10.10 | 37.29 | 23.99 | 21.54 | 1.33 | 39.18 | 0.00 | 0.00 | 0.00 | 0.00 | 87.21 | | | | | | | | | | | | | | | | | | | | | | | | |
| 27-May-25 | 0.00 | 32.32 | 27.10 | 59.42 | 9.93 | 0.00 | 0.00 | 9.93 | 0.00 | 0.00 | 5.81 | 0.00 | 25.11 | 2.04 | 0.00 | 7.54 | 40.51 | 23.98 | 25.75 | 4.76 | 40.98 | 0.00 | 0.00 | 0.00 | 0.00 | 4.13 | 99.60 | | | | | | | | | | | | | | | | | | | | | | | |
| 28-May-25 | 0.00 | 36.14 | 28.67 | 64.81 | 11.05 | 0.00 | 0.00 | 11.05 | 0.00 | 0.20 | 7.86 | 0.00 | 18.43 | 2.23 | 0.00 | 9.53 | 38.26 | 17.30 | 28.17 | 4.48 | 35.04 | 0.00 | 0.00 | 0.00 | 0.00 | 88.93 | | | | | | | | | | | | | | | | | | | | | | | | |
| 29-May-25 | 0.00 | 36.15 | 36.54 | 72.69 | 9.48 | 0.00 | 0.00 | 9.48 | 0.00 | 0.42 | 11.05 | 0.00 | 30.95 | 2.15 | 0.00 | 14.72 | 59.29 | 15.02 | 22.73 | 0.55 | 30.89 | 0.00 | 0.00 | 0.00 | 0.00 | 69.38 | | | | | | | | | | | | | | | | | | | | | | | | |
| 30-May-25 | 0.00 | 33.38 | 38.04 | 71.42 | 8.43 | 0.00 | 0.00 | 8.43 | 0.00 | 1.32</td | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

16. भूटान , नेपाल, बांग्लादेश एवं म्यान्मार के साथ अंतरराष्ट्रीय विद्युत विनिमय
INTERNATIONAL EXCHANGE WITH BHUTAN, NEPAL BANGLADESH AND MYANMAR

अप्रैल 2025 से मार्च 2026 April 2025 to March 2026

अंतरराष्ट्रीय विद्युत विनिमय [आरत 'से निर्यात'/'को आयात']
 Transnational Exchange ('Export from'/'Import to' India)

| माह MONTH | भूटान BHUTAN | | नेपाल NEPAL | | बांग्लादेश BANGLADESH | | म्यान्मार MYANMAR | |
|------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|
| | Energy Exported (In MU) | Energy Imported (In MU) |
| अप्रैल APR'25 | 72.61 | 27.18 | 365.47 | 0.00 | 684.92 | 0.00 | 0.70 | 0.00 |
| मई MAY'25 | 0.00 | 553.50 | 203.10 | 9.50 | 707.90 | 0.00 | 0.70 | 0.00 |
| कुल Total | 72.61 | 580.68 | 568.57 | 9.50 | 1392.82 | 0.00 | 1.40 | 0.00 |

* Based on daily operational data

16.1 Import from neighbouring countries during Apr 2025

(All figures in MU)

| Date | 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-Alipurduar D/C* | 400 kV Jigmeling-Alipurduar 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 | From UP Source | 400 kV Muzaffarpur-Dhalkebar | From BIHAR Source | 11 kV Moreh-Tamu | | | |
| | 2.41 | 0.54 | 0.00 | 0.00 | 0.00 | 8.76 | 0.17 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | | |
| 1-May-25 | 2.41 | 0.54 | 0.00 | 0.00 | 0.00 | 8.76 | 0.17 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | |
| 2-May-25 | 1.18 | 0.00 | 0.00 | 0.00 | 0.00 | 7.54 | 0.32 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | |
| 3-May-25 | 1.21 | 0.00 | 0.00 | 0.00 | 0.00 | 6.87 | 0.30 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | |
| 4-May-25 | 0.44 | 0.00 | 0.00 | 0.00 | 0.00 | 7.00 | 0.28 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | |
| 5-May-25 | 1.06 | 0.00 | 0.00 | 0.00 | 0.00 | 10.48 | 0.34 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | |
| 6-May-25 | 1.22 | 0.00 | 0.00 | 0.00 | 0.00 | 6.68 | 0.27 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | |
| 7-May-25 | 0.44 | 0.00 | 0.00 | 0.00 | 0.00 | 7.25 | 0.39 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | |
| 8-May-25 | 0.39 | 0.00 | 0.00 | 0.00 | 0.00 | 7.73 | 0.25 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | |
| 9-May-25 | 0.38 | 0.00 | 0.00 | 0.00 | 0.00 | 7.06 | 0.11 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | |
| 10-May-25 | 0.94 | 0.00 | 0.00 | 0.00 | 0.00 | 6.65 | 0.28 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | |
| 11-May-25 | 0.96 | 0.00 | 0.00 | 0.00 | 0.00 | 10.24 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | |
| 12-May-25 | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 9.05 | 0.30 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | |
| 13-May-25 | 3.74 | 2.33 | 0.00 | 0.00 | 0.00 | 15.36 | 0.35 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | |
| 14-May-25 | 3.28 | 1.94 | 0.00 | 0.00 | 0.00 | 14.41 | 0.79 | 0.10 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | |
| 15-May-25 | 4.67 | 2.40 | 0.00 | 0.00 | 0.00 | 16.11 | 0.61 | 0.11 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | |
| 16-May-25 | 6.42 | 2.08 | 0.00 | 0.00 | 0.00 | 21.08 | 0.69 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | |
| 17-May-25 | 4.63 | 1.23 | 0.00 | 0.00 | 0.00 | 16.44 | 0.76 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.99 | 0.00 | 0.00 | | |
| 18-May-25 | 3.01 | 0.45 | 0.00 | 0.00 | 0.00 | 13.99 | 0.62 | 0.05 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | |
| 19-May-25 | 2.57 | 0.22 | 0.00 | 0.00 | 0.00 | 13.62 | 0.52 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.20 | 0.00 | 0.00 | | |
| 20-May-25 | 3.65 | 0.78 | 0.00 | 0.00 | 0.00 | 15.77 | 0.55 | 0.23 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2.47 | 0.00 | 0.00 | | |
| 21-May-25 | 3.97 | 0.95 | 0.00 | 0.00 | 0.00 | 19.40 | 0.72 | 0.12 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.20 | 0.00 | 0.00 | | |
| 22-May-25 | 5.06 | 1.48 | 0.00 | 0.00 | 0.00 | 16.38 | 0.63 | 0.20 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | |
| 23-May-25 | 3.47 | 0.67 | 0.00 | 0.00 | 0.00 | 16.22 | 0.74 | 0.38 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | |
| 24-May-25 | 2.79 | 0.30 | 0.00 | 0.00 | 0.00 | 17.41 | 0.79 | 0.26 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.32 | 0.00 | 0.00 | | |
| 25-May-25 | 3.49 | 0.62 | 0.00 | 0.00 | 0.00 | 15.60 | 0.82 | 0.24 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | |
| 26-May-25 | 3.89 | 0.80 | 0.00 | 0.00 | 0.00 | 15.71 | 0.66 | 0.26 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.38 | 0.00 | 0.00 | | |
| 27-May-25 | 7.53 | 2.61 | 0.00 | 0.00 | 0.00 | 21.88 | 0.75 | 0.54 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 4.50 | 0.00 | 0.00 | | |
| 28-May-25 | 7.29 | 2.42 | 0.00 | 0.00 | 0.00 | 23.42 | 0.78 | 0.65 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2.39 | 0.00 | 0.00 | | |
| 29-May-25 | 7.83 | 2.88 | 0.68 | 0.00 | 0.00 | 23.77 | 0.62 | 0.48 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 3.02 | 0.00 | 0.00 | | |
| 30-May-25 | 13.06 | 5.43 | 1.68 | 0.00 | 0.00 | 29.35 | 0.42 | 0.74 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 5.19 | 0.00 | 0.00 | | |
| 31-May-25 | 14.16 | 5.88 | 1.41 | 0.58 | 0.00 | 26.53 | 0.66 | 0.65 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 6.41 | 0.00 | 0.00 | | |
| Total | 116.14 | 36.02 | 3.77 | 0.58 | 0.00 | 447.78 | 15.50 | 5.05 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 28.07 | 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 neighbouring countries during Apr 2025 | | | | | | | | | | | | | | |
|--------------|--|-------------------------|--------------------------|------------------------|------------------------------------|---------------------------------|-----------------------|-------------------------|------------------------------------|---------------------------------|-------------------------------|----------------|------------------------------|-------------------|------------------|
| | 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-Alipurduar D/C* | 400 kV Jigmeling-Alipurduar D/C | 132 kV Rangia-Motanga | 132 kV Salakati-Gelephu | 400 kV Behrampur-Bheramara 1,2,3&4 | 132 kV Suryamanigar-Comilla D/C | 132 kV Tanakpur-Mahendranagar | From UP Source | 400 kV Muzaffarpur-Dhalkebar | From BIHAR Source | 11 kV Moreh-Tamu |
| 1-May-25 | 0.00 | 0.00 | 1.84 | 0.93 | 0.00 | 0.00 | 0.00 | 0.28 | 22.07 | 0.00 | 1.09 | 0.86 | 3.74 | 3.28 | 0.02 |
| 2-May-25 | 0.00 | 0.54 | 2.12 | 1.09 | 0.00 | 0.00 | 0.00 | 0.24 | 22.15 | 0.00 | 1.14 | 0.95 | 6.74 | 3.05 | 0.02 |
| 3-May-25 | 0.00 | 0.48 | 1.98 | 0.90 | 0.00 | 0.00 | 0.00 | 0.17 | 22.22 | 0.00 | 1.19 | 0.95 | 6.55 | 2.94 | 0.02 |
| 4-May-25 | 0.00 | 0.80 | 2.20 | 1.02 | 0.00 | 0.00 | 0.00 | 0.12 | 22.32 | 0.00 | 0.96 | 0.86 | 4.83 | 3.09 | 0.02 |
| 5-May-25 | 0.00 | 0.24 | 2.51 | 0.93 | 0.00 | 0.00 | 0.00 | 0.45 | 22.10 | 0.00 | 1.08 | 0.85 | 5.47 | 3.17 | 0.03 |
| 6-May-25 | 0.00 | 0.06 | 2.03 | 1.05 | 0.00 | 0.00 | 0.00 | 0.17 | 22.23 | 0.00 | 0.98 | 0.94 | 4.61 | 3.15 | 0.03 |
| 7-May-25 | 0.00 | 0.82 | 2.15 | 1.03 | 0.00 | 0.00 | 0.00 | 0.11 | 22.31 | 0.00 | 1.25 | 1.25 | 6.64 | 2.17 | 0.02 |
| 8-May-25 | 0.00 | 0.87 | 2.11 | 0.95 | 0.00 | 0.00 | 0.00 | 0.13 | 22.41 | 0.00 | 1.33 | 1.07 | 7.81 | 2.76 | 0.03 |
| 9-May-25 | 0.00 | 0.82 | 1.92 | 0.82 | 0.00 | 0.00 | 0.00 | 0.00 | 22.08 | 0.00 | 0.94 | 1.02 | 7.75 | 2.94 | 0.03 |
| 10-May-25 | 0.00 | 0.74 | 1.70 | 0.69 | 0.00 | 0.00 | 0.00 | 0.13 | 21.77 | 0.00 | 1.16 | 1.01 | 7.30 | 2.57 | 0.03 |
| 11-May-25 | 0.00 | 0.19 | 2.01 | 1.27 | 0.00 | 0.00 | 0.00 | 0.21 | 22.29 | 0.00 | 1.04 | 0.85 | 7.43 | 2.09 | 0.03 |
| 12-May-25 | 0.00 | 0.23 | 2.04 | 1.20 | 0.00 | 0.00 | 0.00 | 0.33 | 21.69 | 0.00 | 1.20 | 0.93 | 6.39 | 2.18 | 0.02 |
| 13-May-25 | 0.00 | 0.00 | 0.77 | 0.64 | 0.00 | 0.00 | 0.00 | 0.18 | 22.29 | 0.00 | 1.05 | 0.98 | 5.83 | 2.98 | 0.03 |
| 14-May-25 | 0.00 | 0.00 | 0.98 | 0.77 | 0.00 | 0.00 | 0.00 | 0.10 | 22.12 | 0.00 | 1.36 | 1.05 | 5.04 | 2.23 | 0.03 |
| 15-May-25 | 0.00 | 0.00 | 0.40 | 0.64 | 0.00 | 0.00 | 0.00 | 0.00 | 22.18 | 0.00 | 1.27 | 1.29 | 5.67 | 2.64 | 0.03 |
| 16-May-25 | 0.00 | 0.00 | 0.38 | 0.70 | 0.00 | 0.00 | 0.00 | 0.02 | 22.11 | 0.00 | 1.12 | 1.04 | 0.80 | 2.75 | 0.02 |
| 17-May-25 | 0.00 | 0.00 | 0.94 | 1.14 | 0.00 | 0.00 | 0.00 | 0.09 | 22.36 | 0.00 | 0.82 | 0.83 | 0.00 | 1.72 | 0.02 |
| 18-May-25 | 0.00 | 0.00 | 1.60 | 1.39 | 0.00 | 0.00 | 0.00 | 0.00 | 22.32 | 0.00 | 0.97 | 1.03 | 1.16 | 1.92 | 0.03 |
| 19-May-25 | 0.00 | 0.00 | 1.94 | 1.50 | 0.00 | 0.00 | 0.00 | 0.30 | 22.39 | 0.00 | 0.92 | 0.00 | 0.00 | 1.73 | 0.02 |
| 20-May-25 | 0.00 | 0.00 | 0.45 | 1.59 | 0.00 | 0.00 | 0.00 | 0.00 | 22.41 | 0.00 | 0.63 | 0.00 | 0.00 | 1.69 | 0.02 |
| 21-May-25 | 0.00 | 0.00 | 0.94 | 1.18 | 0.00 | 0.00 | 0.00 | 0.00 | 22.41 | 0.00 | 0.16 | 0.00 | 0.00 | 0.00 | 0.03 |
| 22-May-25 | 0.00 | 0.00 | 0.48 | 0.91 | 0.00 | 0.00 | 0.00 | 0.00 | 22.12 | 0.00 | 1.06 | 0.00 | 0.29 | 0.77 | 0.02 |
| 23-May-25 | 0.00 | 0.00 | 0.82 | 0.86 | 0.00 | 0.00 | 0.00 | 0.00 | 22.00 | 0.00 | 1.11 | 0.00 | 2.86 | 1.69 | 0.03 |
| 24-May-25 | 0.00 | 0.00 | 1.12 | 0.99 | 0.00 | 0.00 | 0.00 | 0.00 | 22.05 | 0.00 | 1.00 | 0.00 | 0.00 | 1.11 | 0.03 |
| 25-May-25 | 0.00 | 0.00 | 0.81 | 0.76 | 0.00 | 0.00 | 0.00 | 0.00 | 22.22 | 0.00 | 1.34 | 0.00 | 1.35 | 1.56 | 0.02 |
| 26-May-25 | 0.00 | 0.00 | 0.49 | 1.11 | 0.00 | 0.00 | 0.00 | 0.00 | 17.96 | 0.00 | 1.14 | 0.71 | 0.00 | 1.68 | 0.02 |
| 27-May-25 | 0.00 | 0.00 | 0.13 | 0.07 | 0.00 | 0.00 | 0.00 | 0.00 | 21.81 | 0.00 | 1.21 | 0.69 | 0.00 | 1.61 | 0.02 |
| 28-May-25 | 0.00 | 0.00 | 0.12 | 0.47 | 0.00 | 0.00 | 0.00 | 0.00 | 22.33 | 0.00 | 1.04 | 0.71 | 0.00 | 0.32 | 0.02 |
| 29-May-25 | 0.00 | 0.00 | 0.00 | 0.51 | 0.00 | 0.00 | 0.00 | 0.00 | 22.50 | 0.00 | 1.09 | 0.70 | 0.00 | 0.37 | 0.02 |
| 30-May-25 | 0.00 | 0.00 | 0.00 | 0.13 | 0.00 | 0.00 | 0.00 | 0.00 | 17.73 | 0.00 | 1.19 | 1.01 | 0.00 | 0.39 | 0.02 |
| 31-May-25 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 21.12 | 0.00 | 1.20 | 0.20 | 0.00 | 0.00 | 0.03 |
| Total | 0.00 | 5.79 | 36.96 | 27.26 | 0.00 | 0.00 | 0.00 | 3.03 | 678.06 | 0.03 | 33.05 | 21.77 | 98.25 | 60.51 | 0.74 |

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 – मई 2025

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

द्विपक्षीय एसटीओए BILATERAL SHORT TERM OPEN ACCESS

| मई 2025 MAY 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) |
| क्षे. NR | 1339 | 2030 | 1822 | 2508 |
| प.क्षे. WR | 1067 | 868 | 2304 | 2030 |
| द.क्षे. SR | 416 | 3036 | 829 | 7184 |
| पू.क्षे. ER | 572 | 1362 | 1185 | 2545 |
| पूर्वोत्तर क्षे. NER | 78 | 250 | 136 | 417 |
| कुल TOTAL | 3472 | 7546 | 6276 | 14684 |

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 |
| मई 2025 May'25 | 14344 | 9129 | 3472 | 7546 |
| कुल TOTAL | 28056 | 18170 | 6276 | 14684 |

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 → सप्ताह WEEK ↓ | उत्तरी क्षेत्र NORTH | पश्चिमी क्षेत्र WEST | दक्षिणी क्षेत्र SOUTH | पूर्वी क्षेत्र EAST | पूर्वोत्तर क्षेत्र NORTH EAST |
|-----------------------------------|----------------------|----------------------|-----------------------|---------------------|-------------------------------|
| | | | | | |
| 05.05.25 to 11.05.25 | 309.83 | 327.94 | 21.11 | 303.19 | 43.45 |
| 12.05.25 to 18.05.25 | 337.92 | 380.59 | 78.38 | 340.43 | 42.78 |
| 19.05.25 to 25.05.25 | 238.96 | 295.72 | 30.09 | 219.70 | 37.08 |
| 26.05.25 to 01.06.25 | 136.65 | 247.86 | 16.86 | 142.92 | 5.55 |

* Amount shown is Payable to DSM pool ^Provisional Data

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 विनियम - माह:- मई 2025
 EXCHANGES THROUGH POWER EXCHANGES -MAY 2025

| क्र. स. No. | शेत्रीय इकाई Regional Entity | क्षेत्र Region | पावर एक्सचेंज के माध्यम से (मि.ग्रे. मे) Through Power Exchange in MU | |
|-------------|---|-------------------|---|--------|
| | | | (DAM+HP DAM+RTM) | |
| 1 | ACME SIKAR SOLAR PRIVATE LIMITED | उत्तरी क्षेत्र NR | 10.65 | 0.00 |
| 2 | ACME SIKAR SOLAR PRIVATE LIMITED_INFIRM | | 0.73 | 0.00 |
| 3 | AD HYDRO POWER LIMITED | | 73.06 | 0.00 |
| 4 | ADANI GREEN ENERGY TWENTY FIVE LIMITED | | 122.06 | 0.00 |
| 5 | ADANI GREEN ENERGY TWENTY FOUR LIMITED | | 108.01 | 0.00 |
| 6 | ADANI SOLAR ENERGY JAISALMER TWO PRIVATE LIMITED(Project-2) | | 24.12 | 0.00 |
| 7 | ADANI SOLAR ENERGY JODHPUR TWO LIMITED | | 10.69 | 0.00 |
| 8 | AMP Energy Green Four Private Limited | | 21.25 | 0.00 |
| 9 | Adept Renewable Technologies Private Limited | | 27.93 | 0.00 |
| 10 | Amp Energy Green Six Private Limited | | 26.34 | 0.00 |
| 11 | Amplus Ages Private Limited | | 3.00 | 0.00 |
| 12 | Budhil HEP (Greenko Budhil Hydro Power Pvt. Ltd.) | | 6.08 | 0.00 |
| 13 | Chandigarh (UT) | | 43.23 | 15.34 |
| 14 | Delhi | | 406.79 | 106.01 |
| 15 | Gorbea Solar Private Limited_Infir | | 0.58 | 0.00 |
| 16 | Government of Himachal Pradesh _ Chamera1HEP | | 12.62 | 2.47 |
| 17 | Government of Himachal Pradesh _ Chamera3HEP | | 12.68 | 1.10 |
| 18 | Government of Himachal Pradesh_ CHAMERA2HEP | | 14.17 | 1.95 |
| 19 | Government of Himachal Pradesh_BairasuillHEP | | 7.55 | 1.09 |
| 20 | Government of Himachal Pradesh_Koldam HEP | | 18.42 | 2.61 |
| 21 | Government of Himachal Pradesh_NJHPS | | 47.28 | 3.27 |
| 22 | Government of Himachal Pradesh_Parbatii2HEP | | 21.95 | 3.67 |
| 23 | Government of Himachal Pradesh_Parbatii3HEP | | 13.79 | 3.11 |
| 24 | Government of Himachal Pradesh_RampurHEP | | 20.00 | 0.67 |
| 25 | Grian Energy Private Limited | | 4.55 | 0.00 |
| 26 | Haryana | | 301.76 | 138.82 |
| 27 | Himachal Pradesh | | 262.19 | 32.33 |
| 28 | IGSTPS JHAJJAR | | 11.13 | 0.00 |
| 29 | JUNIPER GREEN COSMIC PRIVATE LIMITED | | 19.05 | 0.00 |
| 30 | JUNIPER NIRJARA ENERGY PRIVATE LIMITED | | 4.72 | 0.00 |
| 31 | Jammu Kashmir | | 323.84 | 68.36 |
| 32 | KARCHAM WANGTOO HYDRO ELECTRIC PLANT. | | 83.13 | 0.00 |
| 33 | NEA - UP STU | | 0.00 | 16.77 |
| 34 | NEA Nepal Upper Chameliya Hydropower Project | | 0.26 | 0.00 |
| 35 | NEPAL ELECTRICITY AUTHORITY TANAKPUR | | 0.00 | 16.01 |
| 36 | NTPC Dadri Stage I | | 4.76 | 0.00 |
| 37 | NTPC Dadri Stage II | | 22.40 | 0.00 |
| 38 | NTPC Rihand stage I | | 13.02 | 0.00 |
| 39 | NTPC Rihand stage II | | 11.70 | 0.00 |
| 40 | NTPC Rihand stage III | | 16.27 | 0.00 |
| 41 | NTPC Singrauli | | 20.93 | 0.00 |
| 42 | NTPC Tanda Stage II | | 7.81 | 0.00 |
| 43 | NTPC Unchahar Stage I | | 3.03 | 0.00 |
| 44 | NTPC Unchahar Stage II | | 3.10 | 0.00 |

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

पावर एक्सचेंज के माध्यम से विनियम - माह:- मई 2025
 EXCHANGES THROUGH POWER EXCHANGES -MAY 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 | NTPC Unchahar Stage III | | 1.52 | 0.00 |
| 46 | NTPC Unchahar Stage IV | | 6.52 | 0.00 |
| 47 | Neemba Solar Plant Renew Surya Vihaan Private Limited(NSPRVPL) | | 12.45 | 0.00 |
| 48 | North Central Railway Prayagraj | | 0.00 | 26.23 |
| 49 | Onevolt Energy Private Limited | | 3.90 | 0.00 |
| 50 | Punjab | | 95.81 | 1058.35 |
| 51 | RENEW SURYA PRATAP PRIVATE LIMITED | | 48.45 | 0.00 |
| 52 | RENEW SURYA ROSHNI PRIVATE LIMITED-Fatehgarh-III PS | | 0.10 | 0.00 |
| 53 | Rajasthan | | 237.39 | 328.11 |
| 54 | ReNew Surya Ravi Private Limited | | 49.21 | 0.00 |
| 55 | Renew Surya Jyoti Private Limited | | 8.80 | 0.00 |
| 56 | SHREE CEMENT LIMITED TPS | | 30.76 | 5.86 |
| 57 | Sainj HEP | | 20.72 | 1.40 |
| 58 | Serentica Renewables India 4 Private Limited | | 2.05 | 0.00 |
| 59 | Serentica Renewables India 5 Private Limited | | 8.30 | 0.00 |
| 60 | Singoli Bhatwari HEP | | 21.66 | 0.00 |
| 61 | Sorang HEP (Himachal Sorang Power Pvt. Ltd.) | | 17.92 | 0.00 |
| 62 | TPSL 200MW TPTCL Banderwala | | 22.10 | 0.00 |
| 63 | TPSL Banderwala SECI 100_INF | | 3.28 | 0.00 |
| 64 | Transition Cleantech Services Private Limited | | 2.34 | 0.00 |
| 65 | Transition Energy Services Private Limited | | 12.91 | 0.00 |
| 66 | Transition Green Energy Private Limited | | 2.15 | 0.00 |
| 67 | Transition Sustainable Energy Services One Private Limited | | 14.26 | 0.00 |
| 68 | Uttar Pradesh | | 275.99 | 756.37 |
| 69 | Uttarakhand | | 71.92 | 146.70 |
| 70 | ACB (INDIA) LIMITED | | 24.30 | 0.13 |
| 71 | ADANI GREEN ENERGY TWENTY FOUR LIMITED_PSS4 | | 28.62 | 0.00 |
| 72 | ADANI GREEN ENERGY TWENTY SIX A LIMITED_PSS-3 | | 2.55 | 0.00 |
| 73 | ADANI HYBRID ENERGY JAISALMER FIVE LIMITED_PSS4 | | 11.46 | 0.00 |
| 74 | ADANI HYBRID ENERGY JAISALMER FIVE LIMITED_PSS5_Solar | | 21.67 | 0.00 |
| 75 | ADANI PORTS AND SPECIAL ECONOMIC ZONE LIMITED (PSS-3) | | 35.49 | 0.00 |
| 76 | ADANI RENEWABLE ENERGY FIFTY FIVE LIMITED_PSS-3 (162.5 MW Hybrid Solar of 187.5MW HPD) | | 33.48 | 0.00 |
| 77 | ADANI RENEWABLE ENERGY FIFTY FIVE LIMITED_PSS3 (20.8 MW Hybrid Wind of 25 MW of 187.5MW HPD) | | 1.63 | 0.00 |
| 78 | ADANI RENEWABLE ENERGY FIFTY FIVE LIMITED_PSS3 (25 MW Hybrid Solar of 25 MW of 187.5MW HPD) | | 0.54 | 0.00 |
| 79 | ADANI RENEWABLE ENERGY FIFTY SEVEN LIMITED_PSS13 | | 82.38 | 0.00 |
| 80 | ADANI RENEWABLE ENERGY FIFTY SEVEN LIMITED_PSS13_infirm | | 0.03 | 0.00 |
| 81 | ADANI RENEWABLE ENERGY FIFTY SIX LIMITED_PSS4 | | 44.33 | 0.00 |
| 82 | ADANI RENEWABLE ENERGY FIFTY SIX LIMITED_PSS9 | | 35.16 | 0.00 |
| 83 | ADANI RENEWABLE ENERGY FORTY FIVE LIMITED_PSS5 | | 10.22 | 0.00 |
| 84 | ADANI RENEWABLE ENERGY FORTY ONE LIMITED_PSS-3 | | 13.66 | 0.00 |
| 85 | ADANI RENEWABLE ENERGY FORTY ONE LIMITED_PSS13 | | 11.34 | 0.00 |
| 86 | ADANI RENEWABLE ENERGY FORTY ONE LIMITED_PSS4 | | 14.30 | 0.00 |
| 87 | ADANI RENEWABLE ENERGY HOLDING FOUR LIMITED_PSS-1 | | 190.91 | 0.00 |
| 88 | ADANI WIND ENERGY KUTCHH FOUR Ltd. Nakhatrana | | 45.34 | 0.00 |
| 89 | AMBUJA CEMENTS LIMITED_PSS3 | | 4.42 | 0.00 |
| 90 | AMBUJA CEMENTS LIMITED_PSS4_Hybrid Wind | | 27.81 | 0.00 |
| 91 | Adani Green Energy Twenty Five A Limited_PSS-2 | | 97.34 | 0.00 |
| 92 | Adani Green Energy Twenty Five B Limited_PSS-2 | | 105.95 | 0.00 |
| 93 | Adani Green Energy Twenty Four A Limited_PSS-3 | | 77.17 | 0.00 |
| 94 | Adani Green Energy Twenty Six B Limited_PSS-2 | | 36.26 | 0.00 |
| 95 | Adani Ports and Special Economic Zone Limited_PSS4_Wind | | 16.08 | 0.00 |

18. पावर मार्केट की सूचना (स्रोत : आई.एक्स.एवं पी.एक्स.आई.एल.)

POWER MARKET INFORMATION (Source IEX & PXIL)

पावर एक्सचेंज के माध्यम से विनियम - माह:- मई 2025

EXCHANGES THROUGH POWER EXCHANGES -MAY 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) | |
| 96 | Adani Power Limited - Raigarh TPP | पश्चिमी क्षेत्र WR | 18.42 | 35.08 |
| 97 | Adani Power Limited-Raipur TPP | | 24.93 | 94.38 |
| 98 | Adani Renewable Energy Fifty Six Limited_PSS10 | | 19.50 | 0.00 |
| 99 | Adani Renewable Energy Forty Eight Limited (Wind)_PSS-9 | | 18.54 | 0.00 |
| 100 | ArcelorMittal Nippon Steel India Private Limited | | 0.00 | 121.92 |
| 101 | BHARAT ALUMINIUM COMPANY LTD | | 32.39 | 0.00 |
| 102 | CONTINUUM POWER TRADING (TN) PRIVATE LIMITED | | 5.17 | 0.00 |
| 103 | Chhattisgarh | | 256.02 | 15.41 |
| 104 | D B Power Limited | | 25.75 | 0.00 |
| 105 | DGEN MEGA POWER PROJECT | | 21.66 | 0.91 |
| 106 | Daman and Diu - Dadra and Nagar Haveli | | 0.44 | 114.60 |
| 107 | Dhariwal ISTS | | 3.61 | 0.00 |
| 108 | GMR Warora Energy Limited | | 0.42 | 0.00 |
| 109 | Goa WR | | 25.85 | 4.37 |
| 110 | Gujarat | | 60.89 | 606.17 |
| 111 | Jaypee Nigri Super Thermal Power Plant | | 20.83 | 0.00 |
| 112 | Jhabua Power Limited | | 2.19 | 13.84 |
| 113 | Jindal Power Limited, Stage-1 | | 66.06 | 0.00 |
| 114 | Jindal Power Limited, Stage-2 | | 136.40 | 11.66 |
| 115 | Jindal Steel & Power Ltd , DCPP | | 25.60 | 2.51 |
| 116 | KSK MAHANADI POWER COMPANY LIMITED | | 15.98 | 0.00 |
| 117 | LANCO AMARKANTAK POWER LIMITED | | 2.41 | 0.00 |
| 118 | MAHAN ENERGEN LIMITED U#1 | | 0.00 | 3.38 |
| 119 | MAHAN ENERGEN LIMITED U#2 | | 12.37 | 4.49 |
| 120 | MB POWER (MADHYA PRADESH) LIMITED | | 87.36 | 5.85 |
| 121 | Madhya Pradesh | | 167.73 | 324.49 |
| 122 | Maharashtra | | 225.11 | 729.93 |
| 123 | Maruti Clean Coal and Power Limited | | 5.32 | 1.27 |
| 124 | NTPC Gadarwara | | 19.56 | 0.00 |
| 125 | NTPC Jhanor Gandhar GPS | | 0.00 | 0.73 |
| 126 | NTPC Kawas GPS | | 0.00 | 0.54 |
| 127 | NTPC Korba Stage I &II | | 38.81 | 0.00 |
| 128 | NTPC Korba Stage III | | 12.79 | 0.00 |
| 129 | NTPC Lara Stage I | | 30.39 | 0.00 |
| 130 | NTPC Mouda Stage I | | 15.70 | 0.00 |
| 131 | NTPC Mouda Stage II | | 20.44 | 0.00 |
| 132 | NTPC SAIL POWER COMPANY LIMITED | | 0.45 | 0.00 |
| 133 | NTPC Sipat Stage I | | 47.61 | 0.00 |
| 134 | NTPC Sipat Stage II | | 26.43 | 0.00 |
| 135 | NTPC Solapur | | 7.73 | 0.00 |
| 136 | NTPC VindhyaChal Stage I | | 27.80 | 0.00 |
| 137 | NTPC VindhyaChal Stage II | | 18.41 | 0.00 |
| 138 | NTPC VindhyaChal Stage III | | 22.56 | 0.00 |
| 139 | NTPC VindhyaChal Stage IV | | 11.61 | 0.00 |
| 140 | NTPC VindhyaChal Stage V | | 12.45 | 0.00 |
| 141 | NTPC khargone | | 10.71 | 0.00 |
| 142 | Nani Virani Wind Energy Private Limited | | 1.68 | 0.00 |
| 143 | R.K.M POWERGEN PRIVATE LIMITED | | 1.78 | 0.00 |
| 144 | RENEW GREEN (MHS ONE) PRIVATE LIMITED_SOLAR_HYBRID | | 2.12 | 0.00 |
| 145 | Ratnagiri Gas & Power Private Limited | | 0.16 | 2.27 |
| 146 | Reliance Industries Limited Jamnagar | | 0.00 | 89.53 |

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

पावर एक्सचेंज के माध्यम से विनियम - माह- मई 2025
 EXCHANGES THROUGH POWER EXCHANGES -MAY 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 | SKS Power Generation Chhattisgarh Limited | दक्षिणी क्षेत्र SR | 17.35 | 47.09 |
| 148 | Sasan Power Limited | | 27.66 | 0.00 |
| 149 | TRN ENERGY PRIVATE LIMITED | | 17.20 | 0.00 |
| 150 | The Tata Power Co Ltd (MTPS) | | 8.10 | 0.00 |
| 151 | WIND FIVE RENERGY LIMITED | | 7.43 | 0.00 |
| 152 | AM GREEN ENERGY PRIVATE LIMITED Solar | | 24.76 | 0.00 |
| 153 | AM GREEN ENERGY PRIVATE LIMITED Wind | | 2.24 | 0.00 |
| 154 | Andhra Pradesh | | 113.27 | 467.32 |
| 155 | COASTAL ENERGEN PRIVATE LIMITED | | 2.04 | 21.50 |
| 156 | Goa SR | | 0.57 | 2.99 |
| 157 | Greenko AP01 IREP Private Limited_Start UP | | 0.00 | 4.21 |
| 158 | IL&FS TAMIL NADU POWER COMPANY LIMITED | | 9.92 | 0.00 |
| 159 | JINDAL POWER LIMITED SIMHAPURI | | 1.77 | 9.55 |
| 160 | Karnataka | | 462.47 | 48.69 |
| 161 | Kerala | | 71.95 | 141.54 |
| 162 | Lanco Kondapalli Power Limited STG2 | | 2.45 | 0.00 |
| 163 | MEENAKSHI ENERGY LIMITED | | 0.17 | 26.44 |
| 164 | NLC INDIA LIMITED NEYVELI NEW THERMAL POWER STATION | | 24.08 | 0.00 |
| 165 | NLC INDIA LIMITED THERMAL POWER STATION I EXPANSION | | 8.40 | 0.00 |
| 166 | NLC INDIA LIMITED THERMAL POWER STATION II EXPANSION | | 1.96 | 0.00 |
| 167 | NLC INDIA LIMITED THERMAL POWER STATION II STAGE I | | 3.94 | 0.00 |
| 168 | NLC INDIA LIMITED THERMAL POWER STATION II STAGE II | | 5.22 | 0.00 |
| 169 | NLC Tamilnadu Power Limited | | 7.18 | 0.00 |
| 170 | NTECL VALLUR | | 4.51 | 0.00 |
| 171 | NTPC KUDGI | | 8.85 | 0.00 |
| 172 | NTPC Ramagundam Stage I &II | | 12.67 | 0.00 |
| 173 | NTPC Ramagundam Stage III | | 2.90 | 0.00 |
| 174 | NTPC Simhadri Stage I | | 2.12 | 0.00 |
| 175 | NTPC Simhadri Stage II | | 4.99 | 0.00 |
| 176 | NTPC Talcher Super Thermal Power Station Stage II | | 35.18 | 0.00 |
| 177 | NTPC Telangana | | 1.22 | 0.00 |
| 178 | OSTRO KANNADA POWER PRIVATE LIMITED | | 16.39 | 0.00 |
| 179 | Pondicherry UT | | 17.66 | 1.61 |
| 180 | RENEW SURYA ROSHNI PRIVATE LIMITED Koppal PS | | 6.46 | 0.00 |
| 181 | Ramagundam Floating solar | | 9.57 | 0.00 |
| 182 | ReNew Surya Roshni Private Limited_Gadag | | 0.16 | 0.00 |
| 183 | SEIL ENERGY INDIA LIMITED | | 40.95 | 0.00 |
| 184 | SEIL Energy India Limited Project II | | 1.27 | 0.00 |
| 185 | Serentica Renewables India 1 Private Limited | | 0.29 | 0.00 |
| 186 | Simhadri FSP 15 MW | | 1.81 | 0.00 |
| 187 | Tamil Nadu | | 794.69 | 386.42 |
| 188 | Telangana | | 34.48 | 955.73 |
| 189 | Zenataris Renewable Energy Private Limited | | 9.19 | 0.00 |
| 190 | ADHUNIK POWER & NATURAL RESOURCES LIMITED | उत्तरी क्षेत्र NR | 2.46 | 0.00 |
| 191 | Basochhu Hydropower Plant Bhutan | | 4.62 | 0.00 |
| 192 | Bihar | | 383.91 | 104.18 |
| 193 | Chuzachen HEP | | 0.07 | 0.00 |
| 194 | Damodar Valley Corporation | | 26.59 | 291.85 |
| 195 | Dikchu Hydro Electric Project (Sneha Kinetic Power Projects Pvt. Ltd.) | | 27.56 | 0.00 |
| 196 | GMR KAMALANGA ENERGY LTD-CTU | | 2.00 | 0.00 |
| 197 | IND BARATH ENERGY UTKAL LIMITED | | 0.20 | 29.14 |

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

पावर एक्सचेंज के माध्यम से विनियम - माह:- मई 2025
 EXCHANGES THROUGH POWER EXCHANGES -MAY 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) | |
| 198 | JORETHANG LOOP HEP, DANS ENERGY PRIVATE LIMITED | पूर्वी क्षेत्र ER | 0.08 | 0.00 |
| 199 | Jharkhand | | 53.99 | 96.62 |
| 200 | Jindal India Power Limited | | 11.31 | 0.00 |
| 201 | KALI GANDAKI NEPAL ELECTRICITY AUTHORITY | | 11.66 | 0.00 |
| 202 | KANTI BIJLEE UTPADAN NIGAM LIMITED | | 4.53 | 0.00 |
| 203 | LIKHU-IV NEA | | 0.03 | 0.00 |
| 204 | Lower Modi Hydro Power Project NEPAL ELECTRICITY AUTHORITY | | 0.81 | 0.00 |
| 205 | MAITHON POWER LIMITED | | 5.49 | 0.00 |
| 206 | MARSYANGDI NEPAL ELECTRICITY AUTHORITY | | 2.55 | 0.00 |
| 207 | NABINAGAR POWER GENERATING COMPANY LIMITED | | 27.79 | 0.00 |
| 208 | NEA - Bihar STU | | 0.00 | 50.64 |
| 209 | NEA Nepal Dordi Khola Hydropower Project | | 1.28 | 0.00 |
| 210 | NEA Nepal Solu Khola (Dudhkoshi) Hydropower Project | | 9.75 | 0.00 |
| 211 | NEA Nepal Upper Balephi A Hydropower Project1 | | 1.31 | 0.00 |
| 212 | NEA Nepal Upper Dordi A Hydropower Project | | 0.94 | 0.00 |
| 213 | NEPAL ELECTRICITY AUTHORITY MUZAFFARPUR | | 0.00 | 99.20 |
| 214 | NEPAL ELECTRICITY AUTHORITY-MIDDLE MARSYANGDI | | 2.28 | 0.00 |
| 215 | NTPC BARH Stage I | | 5.32 | 0.00 |
| 216 | NTPC BARH Stage II | | 6.25 | 0.00 |
| 217 | NTPC Darlipali | | 9.15 | 0.00 |
| 218 | NTPC Farakka stage I | | 24.84 | 0.00 |
| 219 | NTPC Farakka stage III | | 7.84 | 0.00 |
| 220 | NTPC Kahalgaon stage I | | 11.66 | 0.00 |
| 221 | NTPC Kahalgaon stage II | | 21.20 | 0.00 |
| 222 | NTPC North Karanpura STPS | | 10.90 | 0.00 |
| 223 | NTPC Talcher Stage I | | 7.98 | 0.00 |
| 224 | NTPP BRBCL | | 7.06 | 0.00 |
| 225 | Nikachhu Hydropower Project | | 3.07 | 0.00 |
| 226 | Odisha | | 248.82 | 400.70 |
| 227 | Sikkim | | 2.93 | 14.72 |
| 228 | Suchhu HEP | | 0.01 | 0.00 |
| 229 | Tashiding HEP, Shiga Energy Private Limited | | 0.03 | 0.00 |
| 230 | West Bengal | | 161.35 | 901.64 |
| 231 | AGARTALA GAS BASED POWER STATION | पश्चिम क्षेत्र NER | 7.00 | 0.00 |
| 232 | ASSAM GAS BASED POWER STATION | | 0.96 | 0.00 |
| 233 | Arunachal Pradesh | | 20.52 | 6.58 |
| 234 | Assam | | 357.97 | 10.28 |
| 235 | Bongaigaon Thermal Power Station NTPC | | 3.75 | 0.00 |
| 236 | KAMENG HYDRO POWER STATION | | 25.06 | 0.00 |
| 237 | Manipur | | 2.97 | 24.66 |
| 238 | Meghalaya | | 27.58 | 45.11 |
| 239 | Mizoram | | 6.73 | 0.00 |
| 240 | Nagaland | | 5.13 | 7.61 |
| 241 | Palatana Plant | | 1.47 | 0.00 |
| 242 | Tripura | | 14.59 | 12.46 |
| | Total | | 9129 | 9129 |

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

MONTH : MAY 2025

RE Source & Unit wise break up (01.05.2025-31.05.2025)

| Sr.No | Source Wise | Accreditation | | Registration | |
|-------|--------------------------|---------------|----------|---------------|----------|
| | | Capacity (MW) | Unit | Capacity (MW) | Unit |
| 1 | Wind | 3 | 1 | 17 | 8 |
| 2 | Urban or Municipal Waste | 0 | 0 | 0 | 0 |
| 3 | Solar Thermal | 0 | 0 | 0 | 0 |
| 4 | Solar PV | 303 | 2 | 163 | 1 |
| 5 | Small Hydro | 0 | 0 | 0 | 0 |
| 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 | 306 | 3 | 180 | 9 |

RECs Issued (01.05.2025-31.05.2025)

| Sr.No. | Non Solar | Solar | Total |
|--------|-----------|--------|--------|
| 1 | 666242 | 114276 | 780518 |

Redemption of REC (01.05.2025-31.05.2025)

| Sr.No. | Non Solar | Solar | Total |
|--------|-----------|-------|---------|
| 1 | 2281571 | 47086 | 2328657 |

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

MONTH : MAY 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 | 3 | 1 | 17 | 8 |
| 2 | Urban or Municipal Waste | 0 | 0 | 0 | 0 |
| 3 | Solar Thermal | 0 | 0 | 0 | 0 |
| 4 | Solar PV | 646 | 4 | 1213 | 4 |
| 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 | 649 | 5 | 1244 | 13 |

RECs Issued (Apr'25-Mar'26)

| Sr.No. | Non Solar | Solar | Total |
|--------|-----------|--------|---------|
| 1 | 2635022 | 165204 | 2800226 |

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

| Sr.No. | Non Solar | Solar | Total |
|--------|-----------|-------|---------|
| 1 | 2909046 | 65958 | 2975004 |

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

MONTH : MAY 2025

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

| Sr.No | Source Wise | Accreditation | | Registration | |
|-------|--------------------------|---------------|------|---------------|------|
| | | Capacity (MW) | Unit | Capacity (MW) | Unit |
| 1 | Wind | 3348 | 543 | 3164 | 539 |
| 2 | Urban or Municipal Waste | 12 | 1 | 12 | 1 |
| 3 | Solar Thermal | 0 | 0 | 0 | 0 |
| 4 | Solar PV | 6180 | 596 | 3925 | 504 |
| 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 | 11652 | 1314 | 8760 | 1181 |

RECs Issued since Inception to May'25

| Sr.No. | Non Solar | Solar | Total |
|--------|-----------|----------|-----------|
| 1 | 158579102 | 14914042 | 173493144 |

Redemption of REC since Inception to May'25

| Sr.No. | Non Solar | Solar | Total |
|--------|-----------|----------|-----------|
| 1 | 110928822 | 13072774 | 124001596 |

REC Closing balance as on 31.05.2025

| Sr.No. | Non Solar | Solar | Total |
|--------|-----------|---------|----------|
| 1 | 37621329 | 1524842 | 39146171 |

20.Details of Grid Events during the Month of May 2025

| 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 | Details of Grid Events during the Month of May 2025 in Northern Region |
|--------|---|---------------|---|------------------------------|------------------|---|----------------|---|------------------|--|----------------------|--|--|--|
| | | | | | | Generation Loss(MW) | Load Loss (MW) | % Generation Loss (MW) | % Load Loss (MW) | Antecedent Generation (MW) | Antecedent Load (MW) | | | |
| | | | | | | | | | | | | | | |
| 1 | GI-2 | Punjab | 02-05-2025 00:00 | 02-05-2025 01:29 | 01:29 | 0 | 110 | 0.000 | 0.180 | 47275 | 61029 | i)400/220KV Ludhiana has one and half breaker scheme at 400KV level and has double main transfer scheme at 220KV level. ii)As reported, at 00:00 hrs, due to operation of 220KV Bus Bar 2 protection 220KV Bus 2 at Ludhiana(PG) tripped. The tripping details for the exact cause of Bus Bar protection are still awaited. iii)Due to the bus bar protection operation, 400/220 KV 500 MVA ICT 1 & 4 at Ludhiana(PG) and 220 KV feeders to Pakowal, Jagraon, Dandhari Kalan-I and Lalto kalan-II tripped. iv)As per PMU at Malerkotla(PG), R-N phase to earth fault with delayed fault clearance time of respectively 320ms is observed. v)As per SCADA, change in demand of approx. 110MW is observed in Punjab control area. | i)220 KV Ludhiana(PG)-Laltokalan(PG) (PSTCL) Ckt-2 ii)400/220 KV 500 MVA ICT 4 at Ludhiana(PG) iii)400/220 KV 500 MVA ICT 1 at Ludhiana(PG) iv)220 KV Pakhowal(PG)-Ludhiana(PG) (PSTCL) Ckt-1 v)220KV Bus 2 at Ludhiana(PG) | |
| 2 | GD-1 | Haryana | 02-05-2025 04:25 | 02-05-2025 07:32 | 03:07 | 0 | 167 | 0.000 | 0.331 | 41911 | 50452 | i)400/220/132KV Kabulpur sub-station has one and half breaker arrangement at 400KV side and double main and transfer bus scheme in 220KV side . ii)During antecedent condition, 400 KV Bhiwani(PG)-Kabulpur(HV) (PG) was out of service along with 400/220 KV 315MVA ICT-1. iii)As reported, at 04:25 hrs, 400 KV CLP Jhajjar(CL)-Kabulpur(HV) (HPVNL) Ckt-2 tripped on R-N phase to earth fault. As per DR, Z-2 distance protection operated, with fault current of 5.06 KA and the fault distance was 60.9KM from Jhajjar end. iv)At the same time, 400 KV CLP Jhajjar(CL)-Kabulpur(HV) (HPVNL) Ckt-1 tripped on R-N phase to earth fault. As per DR, Z-2 distance protection operated, with fault current of 5.23 KA the fault distance was 58.23KM from Jhajjar end. v)During the same time, 400 KV Deepalpur(HKT)-Kabulpur(HV) (HPVNL) Ckt-1, Ckt-2, 400 KV Bahadurgarh(PG)- Kabulpur(HV) (PG) Ckt-1 and 400/220 KV ICT-2 at Kabulpur(HV) tripped (tripping details awaited). vi)Since the fault was not cleared at 400KV, it led to subsequent complete tripping of all transmission elements at 220KV and 132KV voltage level. This led to blackout of 400/220/132KV station. (Details of protection operation and sequence of tripping not received yet from Haryana) vii)As per PMU at Gurgaon(PG), R-N phase to earth fault is observed with delayed fault clearance of 480msec. viii)As per SCADA, change in demand of approx. 167MW in Haryana controlled area are observed. | i)400 KV Deepalpur(HKT)-Kabulpur(HV) (HPVNL) Ckt-1 ii)400 KV Deepalpur(HKT)-Kabulpur(HV) (HPVNL) Ckt-2 iii)400 KV CLP Jhajjar(CL)-Kabulpur(HV) (HPVNL) Ckt-1 iv)400 KV CLP Jhajjar(CL)-Kabulpur(HV) (HPVNL) Ckt-2 v)400 KV Bahadurgarh(PG)- Kabulpur(HV) (PG) Ckt-1 vi)400/220 KV ICT-2 at Kabulpur(HV) | |
| 3 | GD-1 | Haryana | 02-05-2025 05:22 | 02-05-2025 08:00 | 02:38 | 763 | 0 | 1.936 | 0.000 | 39417 | 45990 | i)400KV Jhajjar(APCPL) has one and half breaker arrangement at 400KV side. ii)During antecedent condition, 660MW Unit 1, 2 at Jhajjar(APCPL) were generating approx. 374MW and 390MW each. Unit 3 was under shutdown and 400 KV CLP Jhajjar(CL)-Kabulpur(HV) (HPVNL) Ckt-1 and Ckt-2 were already under tripped condition. iii)As reported, at 05:22 hrs, Jhajjar(CL)end-Dhanoda(HV) (HPVNL) Ckt-1 & 2 tripped (exact reason of tripping yet to be received). As per DR of 400 KV CLP Jhajjar(CL)-Dhanoda(HV) (HPVNL) Ckt-1 & 2 submitted, there was a momentary loss of current in all the 3 phases. However, no fault was observed in the DR. iv)Following this, 660 MW JHAIJAR(CL) - UNIT 1 and 2 also tripped due to loss of evacuation path. This led to complete blackout of 400KV Jhajjar sub-station. v)As per PMU at Gurgaon(PG), no fault in system is observed. vi)As per SCADA, generation loss of 763MW at (Jhajjar CLP) in Haryana controlled area are observed. | i)400 KV CLP Jhajjar(CL)-Dhanoda(HV) (HPVNL) Ckt-1 ii)400 KV CLP Jhajjar(CL)-Dhanoda(HV) (HPVNL) Ckt-2 iv)660 MW JHAIJAR(CL) - UNIT 2 v)660 MW JHAIJAR(CL) - UNIT 1 | |
| 4 | GD-1 | Haryana | 02-05-2025 05:22 | 02-05-2025 08:00 | 02:38 | 0 | 288 | 0.000 | 0.626 | 39417 | 45990 | i)400KV Dhanoda has one and half breaker scheme in 400KV voltage level. ii)During antecedent condition, 400 KV Gurgaon(PG)-Daulatabad(rv) (HV) Ckt-1, Ckt-2, 400 KV JHAIJAR(APCL)-DAULATABAD(HV) (HV) CKT-1 and Ckt2 and 400KV Dhanoda-Daulatabad (HV) Ckt-1 were already in tripped condition. 400KV Dhanoda-Daulatabad (HV) Ckt-2 (carrying ~409MW) and 400/220KV ICT-1,2,3&4 were under running condition. iii)As reported, at 05:23 hrs, 400 KV Dhanoda-Daulatabad (HV) Ckt-2 tripped. The tripping details are yet to be received from Haryana. iv)As per PMU at Gurgaon(PG), B-N phase to earth fault with delayed fault clearance of 600msec is observed. v)As 400 KV Dhanoda-Daulatabad (HV) Ckt-2 was the only element which was catering power to the 220KV side, loss of the aforementioned line caused tripping of 400KV Bus 1 along 400/220 KV ICT 1,2,3 &4. vi)Loss of all transmission elements in 400KV system, resulted in Blackout of 400KV Daulatabad Sub station. vii)As per SCADA, change in demand of approx. 288MW in Haryana controlled area are observed. | i) 400 KV Dhanoda-Daulatabad (HV) Ckt-2 | |
| 5 | GD-1 | Uttar pradesh | 03-05-2025 15:32 | 03-05-2025 16:18 | 00:46 | 1040 | 90 | 1.919 | 0.158 | 54189 | 56830 | i)765/220KV Lalitpur Sub-station has one and half breaker scheme at 765KV level and double main transfer bus scheme at 220KV level. ii)During antecedent condition, 765/220KV 315MVA ICT-1, 220KV feeders to Jhansi, Lalitpur2+0 and 100MVA ST-2 were on 220KV Bus-1 at Lalitpur(UP). Remaining elements were on 220KV Bus-2. iii)Supply to motor driven Boiler Feed Pump(BFP) for 660 MW Unit-1 was fed from 100MVA ST-3 and BFP for Unit-2,3 were being fed from 100 MVA ST-2. Motor driven BFP are being used for speed control operation of unit during house load operation. At a time, only one unit is selected for house load operation in case of SPS operation. During the event, 660MW unit-3 was in selection for house load operation on SPS operation. iv)At 15:19:50 hrs, 220KV Lalitpur-Babina Ckt tripped on R+N+AL. Fault was in Z-2 from Lalitpur end (R=10.7KA). Line tripped on fault in reclaim time. v)Further at 15:26:11hrs, B-N fault (B=2.7KA, Z-1 from Lalitpur) occurred on 220 KV Lalitpur-Babina (UP) Ckt-1 and A/R started. The LBB of Jhansi was serving as a tie line in Babina-Lalitpur. The LBB of Jhansi was serving as a tie line in Babina-Lalitpur. In Babina-Lalitpur, the 100MVA ST-2 and 100MVA ST-3 were tripped. vi)Further at 15:33:27 hrs, B-N fault occurred on 765 KV Agra-Fatehabad(Lalitpur)(UP)-Lalitpur(LPG) (UP) Ckt-3 tripped on operation of OV stage-2 protection. As per DR of line, voltage of R-ph of 765KV Lalitpur-Agra Fatehabad line-II increased from 441KV to ~843KV for ~140mscc. vii)Further, after dead time of A/R operation, 765 KV Agra Fatehabad(UP)-Lalitpur(LPG) (UP) Ckt-1 also tripped due to permanent nature of fault. viii)As per PMU at Agra765(UP), B-N phase to earth fault with delayed clearance of ~560msec is observed. ix)Due to tripping of the 765KV evicting lines, case-4 for SPS for safe evacuation of Lalitpur generation operated. As per SPS case-4, in case of tripping of both the lines, one 660MW unit (in this case, 660MW Unit-3) tripped on half of the house load and remaining share on 220KV Bus-1. BFP for Unit-3 was available and therefore, 660MW Unit-3 also tripped along with 660MW Unit-1&2. 220KV line to Lalitpur(2nd ckt) also tripped on SPS operation. x)Due to tripping of both the units and all the 220KV feeders on loss of evacuation path and SPS operation, complete 765/220KV Lalitpur 5's get blackout. xi)As per SCADA, generation loss of 1040MW at Lalitpur TPS (UP) and change in UP demand of ~960MW is observed. | i)220 KV Lalitpur -Babina (UP) CKT ii)220 KV Lalitpur -Jhansi (UP) CKT iii)220KV Bus-1 at Lalitpur iv)765/220KV 315MVA ICT-1 at Lalitpur(UP) v)220KV Lalitpur-Lalitpur220 ckt-1 vi)100MVA ST-2 at Lalitpur(UP) vii)765 KV Agra Fatehabad(UP)-Lalitpur(LPG) (UP) Ckt-1 viii)765 KV Agra Fatehabad(UP)-Lalitpur(LPG) (UP) Ckt-2 ix)660 MW Lalitpur Unit-1 x)660 MW Lalitpur Unit-2 xi)660 MW Lalitpur Unit-3 xii)220KV Lalitpur-Lalitpur220 ckt-2 | |

Details of Grid Events during the Month of May 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) | | | Antecedent Generation (MW) | Antecedent Load (MW) | | | |
| | | | | | | | | | | | | | | |
| 6 | GD-1 | Uttar pradesh | 03-05-2025 15:47 | 03-05-2025 16:30 | 00:43 | 1068 | 0 | 1.949 | 0.000 | 54796 | 55690 | i)400 and 220kV side of 400/220/132kV Gr.Noida(UP) has double main & transfer bus scheme. ii)As reported, at 15:47 hrs, 400 KV Gr.Noida_2(UP)(end)-Gr.Noida(UP) (UP) Ckt-1 tripped on R-N phase to earth fault. The fault distance is 54.96KM and Zone 2 from 765/400KV Greater Noida s/stn and the fault current observed was Ir= 6.2KA. iii)400 KV Gr.Noida_2(UP)(end)-Gr.Noida(UP) (UP) Ckt-2 also tripped at same time on R phase to ground fault. The fault distance is 53.75KM and Zone 2 from 765/400KV Greater Noida s/stn and the fault current observed was Ir= 6.1KA. iv)At the same time both 400 KV Gr.Noida_2(UP) - Bus 1 and Bus 2 tripped due to Bus Bar Z1, Z2 operation. As a result, all the transmission elements connected to 400KV tripped. As reported by SLDC UP, fault occurred due to String fail of R Phase of 400 KV Dadri-Nawada section of 400 KV Main Bus 1. (exact sequence of tripping of element and protection operation details not received yet). v)This led to blackout of 400/220/132kV Greater Noida sub-station. vi)As per PMU at Bassi(PG), R-N fault which cleared within 100ms is observed. vii)As per SCADA, change in demand of approx. 1068MW in Uttar Pradesh controlled area are observed. | i)400 KV Gr.Noida_2(UP)(end)-Gr.Noida(UP) (UP) Ckt-2 ii)400 KV Gr.Noida_2(UP)(end)-Gr.Noida(UP) (UP) Ckt-1 iii)400 KV Gr.Noida(UP)-Nawada(H) (PG) Ckt-1 iv)400 KV Gr.Noida(UP)-Nawada(H) (PG) Ckt-1 v)400/220 KV 315 MVA ICT 2 at Gr.Noida(UP) vi)400/220 KV 500 MVA ICT 3 at Gr.Noida(UP) vii)400/220 KV 500 MVA ICT 5 at Gr.Noida(UP) ix)400 KV Gr.Noida_2(UP) - Bus 2 x)400 KV Gr.Noida_2(UP) - Bus 1 | |
| 7 | GI-2 | Rajasthan | 05-05-2025 11:53 | 05-05-2025 12:53 | 01:00 | 1050 | 0 | 1.978 | 0.000 | 53092 | 52225 | 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. ii)During antecedent condition, 400/220KV 500MVA ICT-3 & 4 and 220KV line to NTPC solar, ACME solar, Infra Green Solar and AkaI-I were connected at 220KV Bus-2, 400/220KV ICT-1,2,8,5 and 220KV lines to AkaI-II, Green Power solar, Renew Power solar and O2 Power solar were connected at 220KV Bus-1. iii)As reported, at 11:53 hrs, R-N fault occurred on 220KV NTPC_Solar – Jaisalmer line due to snapping or tripped at Jaisalmer end. The fault was converted into a bus fault leading to operation of bus bar of 220kV bus-2. iv)All the elements connected at 220kV bus-2 i.e., 400/220KV 500MVA ICT-3 & 4 and 220KV line to NTPC solar, ACME solar, Infra Green Solar and AkaI-I were tripped on bus bar protection operation. v)At the same time, 400/220KV 500MVA ICT-1 also tripped from both HV & LV side and 400KV AkaI-Jaisalmer line tripped from AkaI end only. As reported, line tripped on R-Y fault in T-2 from AkaI end. vi)As per PMU at Fatehgarh2(PG), R-N phase to earth fault converted into R-Y fault with delayed clearance of ~800ms is observed. vii)As per SCADA replay of Jaisalmer S/s, power flow in all the remaining ICTs (ICT-2 & 5) and other 220KV feeders also became zero. (reason of the same yet to be received). viii)As per SCADA, total drop in NR solar generation of ~1050MW is observed out of which ~890MW solar generation drop observed in Rajasthan solar. | i)220KV Jaisalmer- NTPC Solar ckt ii)400/220 KV 500 MVA ICT 3 at Jaisalmer(RS) iii)400/220 KV 500 MVA ICT 4 at Jaisalmer(RS) iv)220KV Jaisalmer-ACME ckt v)220kv Jaisalmer-Green Infra ckt vi)220KV Jaisalmer-AkaI Ckt 1 vii)400/220 KV 500 MVA ICT 3 at Jaisalmer(RS) viii)400 KV Akal-Jaisalmer (RS) Ckt-1 | |
| 8 | GI-2 | Uttar Pradesh | 08-05-2025 06:56 | 08-05-2025 08:42 | 01:46 | 184 | 69 | 0.416 | 0.135 | 44202 | 51156 | i)400/220KV Obra-B(UP) has double main and transfer bus scheme at both 400KV and 220kV level. ii)During antecedent condition, 200 MW Obra TPS - UNIT 10 and 11 were generating approx. 108 MW and 86 MW respectively. 400/220 KV 315 MVA ICT 1 at Obra_B(UP), 400/220 KV 315 MVA ICT 2 AT OBRA_B(UP), 200 MW OBRA TPS - UNIT 10, 400 KV OBRA_B-SULTANPUR (UP) CKT-1 and 400 KV ANPARA-OBRA_B (UP) CKT-1 were connected to 400KV Bus 2 at Obra-B(UP) and rest of the elements were connected to 400KV Bus 1 at Obra-B(UP). iii)As reported, at 06:56 hrs, transformer differential protection operated for 400/220 KV 315 MVA ICT 1 & 2 AT OBRA_B(UP) This led to tripping of both ICTs. However, at the same time 400KV Bus-Bar 2 protection also operated. iv)Due to busbar protection operation, all the elements connected to 400KV Bus-2 at Obra-B(UP) tripped and Bus-2 became dead. v)At 06:58 hrs, 200 MW OBRA TPS - UNIT 11 also tripped. Details of tripping is still awaited. vi)As per PMU at Anpara-TH(UP), no fault was observed. vii)As per SCADA, 69MW change in demand is observed in UP control area. However, generation loss of approx. 184 MW occurred at Obra-B(UP). | i)400/220 KV 315 MVA ICT 1 AT OBRA_B(UP) ii)400/220 KV 315 MVA ICT 2 AT OBRA_B(UP) iii)200 MW OBRA TPS - UNIT 10 iv)400KV BUS 2 AT OBRA_B(UP) v)400 KV OBRA_B-SULTANPUR (UP) CKT-1 vi)400 KV ANPARA-OBRA_B (UP) CKT-1 vii)200 MW OBRA TPS - UNIT 11 | |
| 9 | GI-2 | Uttar Pradesh | 11-05-2025 13:49 | 11-05-2025 15:24 | 01:35 | 1040 | 0 | 1.753 | 0.000 | 59315 | 59296 | i)765/220KV Lalitpur Sub-station has one and half breaker scheme at 765KV level and double main transfer bus scheme at 220KV level. ii)At 13:49 hrs, 765 KV Agra Fatehabad(UP)-Lalitpur(LPG) (UP) Ckt-2 tripped on R-N phase to phase fault. Z-2 distance protection operated and the fault current was Ir = 3.98KA, Ib= 4.33KA. The fault distance is 121KM from Agra end. iii)During antecedent condition, 100MVA ST-2 was on 220KV Bus-1 and 100MVA ST-1 was on 220KV Bus-2 at Lalitpur(UP). iv)Supply to motor driven Boiler Feed Pump(BFP) for 660 MW Unit-1 was fed from 100MVA ST-1 and BFP for Unit-2&3 were being fed from 100MVA ST-2. Motor driven BFP are being used for speed control operation of unit during house load operation. At a time, only one unit is selected for house load operation in case of SPS operation. During the event, 660MW unit-3 was in selection for house load operation on SPS operation. v)At 13:49 hrs, 765 KV Agra Fatehabad(UP)-Lalitpur(LPG) (UP) Ckt-2 tripped on R-N phase to earth fault. Z-3 distance protection operated and the fault current was Ir = 3.68KA. As per DR, due to consecutive R-N fault during the retraining time, the line tripped. The fault distance is 108KM from Agra end. vi)Due to tripping of both the 765KV evacuating lines, case-4 for SPS for safe evacuation of Lalitpur generation operated. As per SPS case-4, in case of tripping of both the 765KV lines, one 660MW unit (in this case unit-30 shall come to house load and remaining unit shall trip. 220KV lines to Lalitpur and Jhansi shall also trip. vii)As a result, 660 MW Lalitpur Unit-1 & Unit-2 tripped alongwith, 220 KV Lalitpur-Jhansi (UP) Ckt, 220KV Lalitpur-Lalitpur220 ckt-2, 220KV Lalitpur-Lalitpur220 ckt-1 and 220 KV Lalitpur-Babina (UP) Ckt tripped on SPS. viii)As per SPS, the generation of 660MW Unit-3 reduced to 70MW for house load operation. ix)As per PMU at 765KV Agra(PG), two consecutive R-N phase to phase faults with fault clearing time of 120ms is observed. x)As per SCADA, generation loss of 1040MW at Lalitpur TPS (UP) and no change in demand in SLDC UP control area is observed. | i)765 KV Agra Fatehabad(UP)-Lalitpur(LPG) (UP) Ckt-2 ii)220 KV Lalitpur -Jhansi (UP) Ckt iii)220KV Lalitpur-Lalitpur220 ckt-2 iv)220KV Lalitpur-Lalitpur220 ckt-1 v)660 MW Lalitpur Unit-1 vi)660 MW Lalitpur Unit-2 vii)220 KV Lalitpur -Babina (UP) Ckt viii)765 KV Agra Fatehabad(UP)-Lalitpur(LPG) (UP) Ckt-1 | |

Details of Grid Events during the Month of May 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) | |
| | | | | | | | | | | | | | | |
| 10 | GD-1 | Rajasthan | 11-05-2025 12:31 | 11-05-2025 13:17 | 00:46 | 2215 | 0 | 3.683 | 0.000 | 60137 | 59672 | i)Generation of 220kV Nokhra (IP) and 220kV RSDCL-2(IP) stations evacuate through 220 KV Nokhra SL_BHD2 (NTPC)-Bhadia_2 (PG) (NTPC_NOKHRA) Ckt and 220 KV BHADLA_2 (PG)-RSDCL(PSS2) _SL_BHD2_PG (RSDCL) CKT-1 , 220 KV RSDCL(PSS2) _SL_BHD2_PG (RSDCL) - RSDCL 1 & 220 KV RSDCL(PSS2) _SL_BHD2_PG (RSDCL)-RSDCLP3 Ckt respectively. ii)During antecedent condition, 220kV Nokhra (IP) and 220kV RSDCL-2(IP) were generating approx. 242 MW and 218 MW respectively (as per PMU). iii)As reported, at 12:31hrs, 220 KV Bhadia_2 (PG)-RSDCL (PSSA) _SL_BHD2_PG (RSDCL) Ckt tripped (Tripping Details awaited) iv)During the same time, 220 KV NOKHRA SL_BHD2 (NTPC)-BHADLA_2 (PG) (NTPC_NOKHRA) CKT-1 along with STATCOM NO 2(+425/+550MVAR) AT 400 KV BHADLA_2 (PG) also tripped. v)PowerGrid informed that Statcom NO 2 tripped due to the operation of cooling system protection operation. Due to huge voltage fluctuation the above protection operated and the Statcom tripped (details awaited). vi)At the same time, 400 KV BIKANER(RS)-DEEDWANA(MTS) (RS) CKT-1 also tripped. The tripping details for the said line is still awaited. vii)As per PMU at 400KV, 3 phase fault (voltage dipped upto 0.87 p.u.) is observed with fault clearing time of 80ms. viii)As per PMU at 400KV, solar generation loss of approx. 143 MW at Avada, and 242 MW at Nokhra(IP) were observed. ix)As per PMU at Azure Maple, fluctuation in power generation was also observed. | i)220 KV BHADLA_2 (PG)-RSDCL(PSS2) _SL_BHD2_PG (RSDCL) CKT-1 ii)220 KV NOKHRA SL_BHD2 (NTPC)-BHADLA_2 (PG) (NTPC_NOKHRA) CKT-1 iii)400 KV BIKANER(RS)-DEEDWANA(MTS) (RS) CKT-1 iv)STATCOM NO 2(+425/+550MVAR) AT 400 KV BHADLA_2 (PG) | |
| 11 | GI-2 | J&K | 13-05-2025 16:15 | 13-05-2025 16:46 | 00:31 | 238 | 0 | 0.400 | 0.000 | 59537 | 64057 | i)400kV Uri-1 S/s have double main bus system. There are 4, 120MW Units at Uri-1 HEP and the power evacuates through 400 KV Uri_1(NH)-AMARGARH (INDIGRID) CKT-1 & 2. ii)During antecedent condition, 400 KV Uri_1(NH)-AMARGARH (INDIGRID) CKT-1 & 2 was carrying 262 MW each and feeding 400/220kV Amargarh. Unit 2 was on 400KV Bus-1 and Unit 1 along with 400 KV Uri_1(NH)-AMARGARH (INDIGRID) CKT-2 were at 400KV Bus-2. iii)As reported, at 16:15 hrs, 400 KV Uri_1(NH)-AMARGARH(INDIGRID) (INDIGRID) CKT-2 tripped from both ends on B-N phase to earth fault. As per DR at Uri-1 end, B-N Fault, Z-1 protection operated, fault current was ~3.8KA. The fault distance was 39.35KM from Uri end. Line tripped on fault in retrain time after successful A/R operation (within 100mscc of A/R operation). iv)At the same time, both 120MW Unit 2 and Unit 3 tripped on X-Y Generator differential protection operation. NHPC stated that during the line fault, Main 2 CT of B phase got saturated for Unit 2 and 3. The relay operated due to wrong current sensed by Generator Differential relays. v)As per SCADA, Generation loss of 238MW in Uri-1 HEP is observed. | i)120 MW Uri-1 HPS - UNIT 2 ii)120 MW Uri-1 HPS - UNIT 3 iii)400 KV Uri_1(NH)-AMARGARH(INDIGRID) (INDIGRID) CKT-2 | |
| 12 | GD-1 | HP | 16-05-2025 15:25 | 18-05-2025 16:01 | 48:36 | 87 | 0 | 0.132 | 0.000 | 65848 | 71439 | i)Generation of AD Hydro HEP (2196 MW) evacuates through 220kV AD Hydro-Nallagarh line (~175km) and 220kV AD Hydro-Phozal line(~14km)→ 220kV Phozal-Nallagarh line. Both the lines are on same tower. There is LILo portion at 220/33kV Phozal in second line. ii)During antecedent condition, 96 MW Unit-1 at AD Hydro HEP(PI) was generating approx. 87MW and Unit-2 was under shutdown. iii)As reported, at 15:25 hrs, 220 KV Phozal(HP)-Nallagarh(HP) (ADHPL) line and 220kV AD Hydro-Nallagarh line tripped on R-Y phase to phase fault. Fault occurred due to tree fell on both the lines between tower location no 174-175. Conductor of all three phases at tower location 174-175 snapped and two crossarms of tower location no 175 also damaged. (~47km from AD Hydro end). iv)As per SCADA SOE (recorded at NRLOC), voltage plot of PMU (at Nallagarh(PG)) and DR file of AD Hydro end (of 220kV AD Hydro-Nallagarh line), at 15:25:32:240 hrs, 220kV Phozal-Nallagarh line tripped on R-Y fault followed by tripping of 220kV AD Hydro-Nallagarh line at 15:25:32:960 hrs on R-Z (2:1 from AD Hydro end). Both the faults cleared within 120mscc. v)At the same time, 96 MW Unit-1 at AD Hydro HEP (generating ~97MW) also tripped due to loss of evacuation path. 220kV AD Hydro-Phozal line remained charged from AD Hydro end and details of Phozal end not received. vi)As per SCADA plot of AD Hydro HEP generation, loss of ~97 MW is observed and as per SCADA plot of HP demand, no change in HP demand is observed during the event time. vii)further at 16:30hrs, R-N phase to earth fault occurred on 220 KV AD Hydro-2(Wagora) (ADHPL) Ckt with fault current of ~6.07KA from Nallagarh(PG) end and ~1.16KA from AD hydro end per DR. As reported, there was forest fire near 400/220kV Nallagarh(PG) S/s. viii)further, as reported, after repair and restricting work between tower location 174-175, the 220 KV AD Hydro (AD) – Nallagarh (PG) (ADHPL) line was successfully energized on May 18, 2025, at 16:01 hrs. Restoration work for 220 KV Phozal (HP)-Nallagarh (PG) (ADHPL) line is currently in progress | i)220 KV Phozal(HP)-Nallagarh(HP) (ADHPL) Ckt ii)220 KV AD hydro(AD)-Nallagarh(PG) (ADHPL) Ckt iii)96 MW Unit-1 at AD Hydro HEP | |
| 13 | GD-1 | J&K | 16-05-2025 20:10 | 16-05-2025 21:59 | 01:49 | 710 | 0 | 1.235 | 0.000 | 57486 | 69317 | i)400KV Uri-1 & 2 S/s have double main bus system. There are 4, 120MW Units at Uri-1 HEP and 4, 60 MW Units at Uri-2 HEP. Power of Uri-1&2 evacuates through 400 KV Uri_1(NH)-AMARGARH (INDIGRID) CKT-1 & 2 and 400KV Uri-2 Wagoora line. ii)During antecedent condition, 400 KV Uri_1(NH)-AMARGARH (INDIGRID) CKT-2 was under tripped condition (tripped at 16:48hrs on B-N fault), 400KV Uri-2-Wagoora line. was under shutdown and 400 KV Uri_1(NH)-AMARGARH (INDIGRID) CKT-1 was carrying 716 MW. Complete power of Uri-1 & Uri-2 HEP was evacuating through 400 KV Uri_1(NH)-AMARGARH (INDIGRID) CKT-1. iii)As reported, at 20:10 hrs, 400 KV Uri_1(NH)-AMARGARH(INDIGRID) (INDIGRID) CKT-1 tripped from both ends on B-N phase to earth fault. As per DR at Uri-1 end, B-N fault, Z-1 protection operated. Fault current was ~3.8KA. iv)As per PMU at Amargarh end, B-N phase to earth fault cleared within 100mscc is observed. As per phase current data of 400 KV Uri_1(NH)-AMARGARH (INDIGRID) CKT-1, A/R in B-ph observed however 3-ph trip after ~1.8sec is observed. Reason of the same yet to be received. v)After tripping of 400 KV Uri_1(NH)-AMARGARH (INDIGRID) CKT-1, complete generation of Uri-1&2 HEP tripped due to loss of evacuation path and Uri-1&2 S/s got blackout. vi)As per SCADA, total generation loss of ~710MW (470MW at Uri-1 HEP and 240MW at Uri-2 HEP) is observed. | i)120 MW Uri-1 HPS - UNIT 1 ii)120 MW Uri-1 HPS - UNIT 2 iii)120 MW Uri-1 HPS - UNIT 3 iv)120 MW Uri-1 HPS - UNIT 4 v)60 MW Uri-2 HPS - UNIT 1 vi)60 MW Uri-2 HPS - UNIT 2 vii)60 MW Uri-2 HPS - UNIT 3 viii)60 MW Uri-2 HPS - UNIT 4 ix)400 KV Uri_1(NH)-AMARGARH(INDIGRID) (INDIGRID) CKT-2 | |

Details of Grid Events during the Month of May 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) | | | Antecedent Generation (MW) | Antecedent Load (MW) | | | |
| | | | | | | | | | | | | | | |
| 14 | GD-1 | J&K | 18-05-2025 21:35 | 18-05-2025 22:59 | 01:24 | 244 | 0 | 0.417 | 0.000 | 58477 | 76787 | i)400kV Uri-2 S/s have double main bus system. There are 4, 60MW Units at Uri-2 HEP and power evacuates through 400 KV URI_2(NH)-WAGOORA (PG) (PG) CKT and 400 KV URI_2(NH)-URI_1(NH) (PG) CKT. ii)During antecedent condition, 400 KV URI_2(NH)-WAGOORA (PG) (PG) CKT and 400 KV URI_2(NH)-URI_1(NH) (PG) CKT were carrying ~195 MW and 47 MW respectively. All the 4 units were generating 60MW each. iii)As reported, at 21:35 hrs, 400 KV URI_2(NH)-WAGOORA (PG) (PG) CKT tripped from both ends on R-N phase to earth fault. As per DR at Uri-2 end, R-N fault, Z-1 protection operated, fault current was 2.8KA. The fault distance was 26.40KM from Uri_2 end. A/R was successful from Uri_2 end. However, line tripped on SOTF on persisted fault. iv)At the same time, 400 KV URI_2(NH)-URI_1(NH) (PG) CKT also tripped on R-N phase to earth fault. As per DR at Uri-2 end, R-N fault, Z-1 protection operated, fault current was 3.1KA. R was successful from Uri_2 end. However, line tripped on SOTF on persisted fault. v)At the same time, all the 4 60 MW units at Uri-2 HEP tripped due to loss of evacuation path. This led to complete blackout of 400KV Uri-2 sub-station. vi)As per SCADA, Generation loss of 244MW at Uri-2 HEP is observed. No load loss in J&K control area observed. vii)As per SCADA, Generation loss of 244MW at Uri-2 HEP is observed. No load loss in J&K control area observed. | | i)400 KV URI_2(NH)-WAGOORA(PG) (PG) CKT ii)400 KV URI_2(NH)-URI_1(NH) (PG) CKT iii)60 MW URI-II HPS - UNIT 1 iv)60 MW URI-II HPS - UNIT 2 v)60 MW URI-II HPS - UNIT 3 vi)50 MW URI-II HPS - UNIT 4 |
| 15 | GD-1 | J&K | 18-05-2025 22:57 | 19-05-2025 00:57 | 02:00 | 0 | 85 | 0.000 | 0.109 | 59370 | 78090 | i)220/132kV Ziankote S/s have two bus at 220kV side i.e., main bus & reserve bus. 220kV Amargarh-Ziankote ckt-1&2 are on the same tower (D/C tower) and line length is ~21.4km. ii)During antecedent condition, 220kV Amargarh (INDIGRID)-Ziankote (JK) D/C were carrying 19 MW each and feeding Ziankote load. 220kV Wagoora-Ziankote D/C were already under tripped condition (tripped at 22:44 hrs & 22.54 hrs on same day). iii)As reported, at 22:57 hrs 220 KV Amargarh (INDIGRID)-Ziankote(JK) (PDD JK) Ckt-1 and Ckt-2 tripped on R-Y fault. iv)As per DR at Amargarh end, 220 KV Amargarh (INDIGRID)-Ziankote(JK) (PDD JK) Ckt-1 tripped on R-Y phase to phase fault. The fault current Ir = 3.7KA, Ib= 3.6KA, Z1 protection operated and the fault distance was 12.13KM from Amargarh end. v)As per DR at Amargarh end, 220 KV Amargarh (INDIGRID)-Ziankote(JK) (PDD JK) Ckt-2 tripped on R-Y phase to phase fault. The fault current Ir = 1.8KA, Ib= 1.7KA, Z2 protection operated and the fault distance was 26KM from Amargarh end. vi)As per PMU at Amargarh (INDIGRID), R-Y phase to phase was observed in system. vii)As per SCADA, change in demand of approx. 85 MW is observed in J&K control area. | | i)220 KV Amargarh (INDIGRID)-Ziankote(JK) (PDD JK) Ckt-1 ii)220 KV Amargarh (INDIGRID)-Ziankote(JK) (PDD JK) Ckt-2 |
| 16 | GD-1 | UP | 21-05-2025 20:00 | 21-05-2025 22:43 | 02:43 | 975 | 0 | 2.056 | 0.000 | 47427 | 56188 | i)400/220kV Dadri Stage I has one and half breaker scheme in 400KV and Double main transfer system in 220kV system. 400KV Dadri stage 2 has one and half breaker scheme. Stage 1 has 4 X 220 Generating units of 450 MW & 2 X 490 MW Generating units. ii)During antecedent condition, Uri 1,2,3 and 4 of Stage 1 Dadri was generating 133MW, 121MW, 117MW and 109MW respectively. While Unit 1 of Dadri Stage 2 was generating 264MW while Unit 2 already tripped at 20:17 hrs. iii)The lines 400KV Dadri – Murudnagar, 400KV Dadri – Panipat Ckt-1 & 2 were already tripped during inclement weather conditions. Whole power of Dadri Stage-1 (~475 MW was evacuating through 400KV Dadri-Harsihvihar ckt-1. The Dadri Stage 1 and Stage 2 were running in split bus arrangement. iv)As reported, at 20:00 hrs, 400 KV Dadri(NT)-Loni Harsh Vihar(DV) (NT) Ckt-1 tripped on R-N phase to earth fault. Z-1 distance protection operated, fault distance was 15.3 KM from Harsh Vihar end. During patrolling the tower at location no. 24 found collapsed. v)As per PMU at Dadri TPS, R-N phase to earth fault cleared within 100msc is observed. vi)Following the trip of 400 KV Dadri(NT)-Loni Harsh Vihar(DV) (NT) Ckt-1 all the 4 generating units and 3X 210MW CT 1,2 & 5 tripped due to loss of evacuation path. Vizogen at 20:01 hrs, 400 MW Unit-1 & Dadri Rihand-Dadri – Mandauli Ckt-2 was the only operational ckt in Dadri Stage 2. 400KV Dadri- Kathal Ckt, 400KV Dadri – Gr. Noakia, 400KV Dadri – Harsh Vihar Ckt-2, 400KV Dadri – Mandauli Ckt-1 were already under tripped condition on line faults during inclement weather conditions. vii)As reported at 20:21 hrs, 400 KV Mandauli(PG)- Dadri (PG) (DTU) Ckt-2 tripped during power swing. viii)At the same time, 490 MW Unit-1 at Dadri-II TPS along with 2X500 MVA ICT 3 and 4 tripped due to loss of evacuation path. This led to complete blackout of 400KV Dadri Substation. ix)As per PMU at Dadri TPS, R-N phase to earth fault cleared within 100msc followed by fluctuation in voltage is observed. x)At the same time, 500 KV HVDC Rihand-Dadri (PG) Ckt-1 and Ckt-2 tripped due to communication failure. At the time of tripping 500 kV HVDC Rihand-Dadri (PG) Ckt-1 and Ckt-2 were carrying total ~1800 MW. As a result of tripping of both the ckt, SPS condition 2 operated. xi)As per detail log of POWERGRID, as per logic if communication failure persists for more than 2600 ms then the Protection shall issue a Y Trip to the converters. Since starting from 20-05-2025 2785 Hrs, 12 successive commutation failures were detected at a gap of less than 500ms, at 20:21:00:8782 both Poles of the Rihand Dadri HVDC Link tripped on Commutation failure protection from HVDC Dadri S/s. xii)As per SPS case-2 operation, there should load shed in load group-A, B, & D and generation back down of total ~500 MW at Rihand & Singrauli TPS. xiii)As per SCADA data, generation breakdown of ~335MW is observed in Rihand Stage I and Stage II. However, However, there wasn't any significant generation back down (only ~30MW) in Singrauli observed. xiv)As per SCADA, generation loss of total ~975 MW is observed at Dadri TPS, ~475 MW at 20:00 hrs at Dadri Stage-I TPS and ~254 MW at 20:17 hrs due to tripping of Unit-2 at Dadri stage-II TPS and ~240 MW at 20:21 hrs due to tripping of Unit-1 at Dadri stage-II TPS | | i)400 KV Dadri(NT)-Loni Harsh Vihar(DV) (NT) Ckt-1 ii)210 MW Unit-1 at Dadri-II TPS iii)400 MW Unit-2 at Dadri-II TPS iv)210 MW Unit-3 at Dadri-II TPS v)210 MW Unit-4 at Dadri-II TPS vi)400 KV Mandauli(PG)- Dadri (PG) (DTU) Ckt-2 vii)490 MW Unit-1 at Dadri-II TPS viii)500 kV HVDC Rihand- Dadri (PG) Ckt-1 ix)500 kV HVDC Rihand- Dadri (PG) Ckt-2 |

Details of Grid Events during the Month of May 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) | | |
| | | | | | | | | | | | | | | | |
| 17 | GD-1 | UP & UK | 21-05-2025 19:55 | 22-05-2025 06:35 | 10:40 | 645 | 150 | 1.281 | 0.241 | 50335 | 62295 | <p>i)400KV Tehri has double main, 400KV Koteshwar (THDC) has double main and transfer, 765/400KV Koteshwar(PG) has one & half breaker scheme in 765KV and double main bus scheme in 400KV and 765/400/220KV Meerut substation has one and half breaker scheme in 765KV and 400KV system.</p> <p>ii)During antecedent condition, at 400KV Tehri HEP, 250 MW Unit 1, 3 & 4 were in service generating 124MW, 119MW and 118MW (total ~360MW). At 400KV Koteshwar HEP (THDC), 100 MW Unit 1, 2 & 3 were in service generating 95MW each (total ~285 MW), 765 KV Moga-Meerut (PG) Ckt-1 was under tripped condition (tripped at 18:11:47 hrs on permanent R-N fault). There was inclement weather condition (heavy windstorm, rain and thunderstorm).</p> <p>iii)As reported, at 19:55:21 hrs, R-N fault occurred on 765 KV Koteshwar- Meerut (PG) Ckt-2 due to earth wire broken during inclement weather condition at ~1km from Meerut end. Line tripped from Koteshwar end in Z-2 but didn't trip from Meerut end due to non-operation of Distance Protection. During investigation it was found that R-ph jumper of CVT at Meerut end of 765 KV Koteshwar- Meerut (PG) Ckt-2 snapped ~10m before the fault incident leading to VT fuse fail and loss of R-ph voltage. Due to this, distance protection at Meerut end didn't operate.</p> <p>iv)As a fault still persisting, 765KV Meerut-Bhawani ckt and 765KV Meerut-Noida ckt tripped from remote end in Z-2. At ~19:55:22:00 hrs, all three 1500 MVA IGT at Meerut tripped on operation of back up impedance protection operation (Z-2).</p> <p>v)Further at 19:55:22:00 hrs, 400KV Tehri-Koteshwar Ckt-1, 2 & 3 along with 765KV Meerut-Koteshwar (PG) ckt-1 tripped from Tehri and Koteshwar(PG) end respectively on O/C E/F protection (67N relay).</p> <p>vi)With the tripping of above mentioned elements, supply to 765KV part of Meerut(PG), 765/400KV Koteshwar(PG), 400KV Tehri HEP & Koteshwar HEP lost and these stations got blackout.</p> <p>vii)At the same time, 250MW Unit-1, 3 & 4 at Tehri HEP and 100 MW Unit 1, 2 & 3 at Koteshwar HEP tripped due to loss of evacuation path leading to generation loss of ~360MW at Tehri HEP and ~285MW at Koteshwar HEP.</p> <p>viii)Further within further few seconds, 400KV Meerut-Bareilly D/C, 400KV Meerut-Bagpat D/C, 400KV Meerut-Muzaffarnagar ckt and 400KV Meerut-Manolda ckt-1 also tripped on line faults (duration of fault for both edition - Meerut-Bareilly and Manolda line tripped from remote and only fault reason yet to be received).</p> <p>ix)At the same time, power flow of 220KV lines Gajala, Shatabdnagar, Simboli, Charla and Partapur from Meerut became NIL.</p> <p>x)As per PMU at Meerut(PG), B-N fault at 19:55:19 hrs (shattered within 10ms) and R-N fault with delayed clearance of ~1640ms is observed.</p> <p>xi)As per SCADA, generation loss of ~360MW at Tehri HEP, ~285MW at Koteshwar and change in demand of ~150 MW in UP control area is observed.</p> <p>xii)Remaining elements at Koteshwar(PG) and 765KV part of Meerut(PG) were hand tripped due to loss of voltage.</p> <p>xiii)Further at 06:35 hrs, 765KV Meerut-Koteshwar ckt-1 was charged and subsequently supply to Tehri HEP, Koteshwar HEP was restored.</p> | <p>i)765 KV Koteshwar-Meerut (PG) Ckt-2</p> <p>ii)765 KV Koteshwar- Noida (PG) Ckt-2</p> <p>iii)765 KV Meerut- Sr Noida (PG) Ckt-1</p> <p>iv)765/400KV 1500 MVA IGT 1 at Meerut(PG)</p> <p>v)765/400KV 1500 MVA IGT 2 at Meerut(PG)</p> <p>vi)765/400KV 1500 MVA IGT 3 at Meerut(PG)</p> <p>vii)765 KV Koteshwar- Meerut (PG) Ckt-1</p> <p>viii)400 KV Tehri(THDC)- Koteshwar(PG) (PG) Ckt-1</p> <p>ix)400 KV Tehri(THDC)- Koteshwar(PG) (PG) Ckt-2</p> <p>x)400 KV Tehri(THDC)- Koteshwar(PG) (PG) Ckt-3</p> <p>xi)100 MW Unit 1 at Koteshwar HPS</p> <p>xii)100 MW Unit 2 at Koteshwar HPS</p> <p>xiii)100 MW Unit 3 at Koteshwar HPS</p> <p>xiv)100 MW Unit 4 at TEHRI HPS</p> <p>xv)250 MW Unit 3 at TEHRI HPS</p> <p>xvi)250 MW Unit 4 at TEHRI HPS</p> <p>xvii)765/400 KV 800 MVA IGT 1 at Koteshwar(PG)</p> <p>xviii)765/400 KV 800 MVA IGT 2 at Koteshwar(PG)</p> <p>xix)765/400 KV 800 MVA IGT 3 at Koteshwar(PG)</p> <p>xx)765/400 KV 800 MVA IGT 4 at Koteshwar(PG)</p> <p>xxi)240 MW Bus Resistor No 1 at 765 KV Koteshwar (PG)</p> <p>xxii)765KV Bus 1 at Meerut(PG)</p> <p>xxiii)400 KV Koteshwar(TH)- Koteshwar(PG) (PG) Ckt-1</p> <p>xxiv)400 KV Koteshwar(TH)- Koteshwar(PG) (PG) Ckt-2</p> <p>xxv)400 KV Meerut- Bagpat (PG) Ckt-1</p> <p>xxvi)400 KV Meerut- Bareilly (PG) Ckt-2</p> <p>xxvii)400 KV Meerut- Bareilly (PG) Ckt-1</p> <p>xxviii)400 KV Meerut- Muzaffarnagar (PG) Ckt-1</p> <p>xxix)400 KV Meerut- Manolda (PG) Ckt-1</p> | | |
| 18 | GI-2 | Haryana | 21-05-2025 22:50 | 22-05-2025 01:42 | 02:52 | 0 | 0 | 0.000 | 0.000 | 55334 | 57854 | <p>i)During antecedent condition, 800KV HVDC Champa-Kurukshetra was carrying total 3000MW power from Champa to Kurukshetra (Pole-1=958MW, Pole-2=613MW, Pole-3=603MW & Pole-4=283MW). The weather condition at the time of incident was very worse accompanying thunderstorms & very heavy lightning along with wind was prevailing at Kurukshetra.</p> <p>ii)As reported, at 22:50 hrs, 800 KV HVDC Kurukshetra (PG) Pole-02 and Pole 4 tripped due to transient earth fault. The fault distance was 438.1KM from Kurukshetra end and 849.21KM from Champa end.</p> <p>iii)As per details received from POWERGRID sequence of event was as follows:</p> <p>a.L-A-N fault at 22:50:17 hrs, DC line fault sequence started in Pole-2 and Pole-4. Again, at 22:20:25.130 hrs another DC line fault sequence started in Pole-2 and Pole-4.</p> <p>b.Following this at 22:50:25.169 hrs, an attempt was made to run Pole-2 and Pole-4 in reduced voltage mode.</p> <p>c.At 22:50:25.229 hrs, Pole 2 was blocked from Champa end due to subsequent DC line fault.</p> <p>d.At 22:50:26.055 hrs, Pole-4 was blocked due to CAT-B protection operation in Pole-2.</p> <p>e)The power order reduced from 2457MW to 1317MW. Pole-1 = 657MW and Pole-3=660MW.</p> <p>f)As per PMU at Kurukshetra(PG), fluctuation in voltage was observed.</p> <p>g)As per SCADA, no change in demand is observed in Haryana control area.</p> | <p>i)800 KV HVDC Kurukshetra (PG) Pole-02</p> <p>ii)800 KV HVDC Kurukshetra (PG) Pole-04</p> | | |

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

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|--------|---|--------------------|---|------------------------------|------------------|---|----------------|---|--|--|----------------------|---|--|------------------|--|--|--|--|
| | | | | | | Generation Loss(MW) | Load Loss (MW) | | | Antecedent Generation (MW) | Antecedent Load (MW) | | | | | | | |
| | | | | | | | | | | | | | | | | | | |
| 19 | GD-1 | Himachal Pradesh | 21-05-2025 21:05 | 21-05-2025 22:41 | 01:36 | 192 | 26 | 0.414 | 0.048 | 46432 | 53991 | i) Total generated power of Sainj HEP(HP) and Parbat_2(NH) and evacuates through 400 KV Parbat_2(NH)- Banala(PG) (PKTCL) Ckt and 400 KV Parbat_2(NH)-Sainj(HP) (PKTCL) Ckt, 400 KV Parbat_2(NH)-Parbat_3(NH)-Parbat_2(NH)-Parbat Pooling Banala (PG) (PKTCL) Ckt-1. ii) During antecedent condition, 50MW Unit-1 and Unit-2 at Sainj HEP(HP) were running and generating 49MW each respectively, all four units (4*250MW) at Parbat_2(NH) in service (SCADA data unavailable before tripping). 400KV Bus-Bar 2 at Parbat_2 was under shutdown condition. iii) As reported, at 21:05 hrs, 400 KV Parbat_2 (NH)-Parbat Pooling Banala (PG) (PKTCL) Ckt-1 tripped due to 400KV Bus-Bar 1 protection operation. iv) As per DR of 400 KV Parbat_2 (NH)-Parbat Pooling Banala (PG) (PKTCL) Ckt-1 tripped due to external fault. The Bus-Bar protection operated due to triggering of LBB protection relay of Unit-3 at Parbat_2. v) At the same time, 400 KV Parbat_2 (NH)-Sainj(HP) (PKTCL) Ckt-1 along with all 4X200 MW Units at Parbat_2 HEP also tripped on 400KV Bus-Bar 1 protection operation. The Bus-Bar protection operation was due to triggering of LBB protection relay of Unit-3 at Parbat_2. vi) Parbat_2 informed that the reason for triggering LBB protection was on account of improper implementation of AND function logic for non-electric faults in Unit-3. vii) This led to complete blackout of Parbat_2 HEP. viii) As per PMU at Banala(PG), no fault signature was observed. ix) As per SCADA, Generation loss of 192MW in Parbat_2. Change in demand of 26MW in HP control area observed. | i) 400 KV Parbat_2(NH)- Parbat Pooling Banala(PG) (PKTCL) Ckt-1 ii) 400 KV Parbat_2(NH)- Sainj(HP) (PKTCL) Ckt-1 iii) 200 MW Unit-1 at Parbat II HEP iv) 200 MW Unit-2 at Parbat II HEP v) 200 MW Unit-3 at Parbat II HEP vi) 200 MW Unit-4 at Parbat II HEP | | | | | |
| 20 | GD-1 | Himachal Pradesh | 23-05-2025 10:37 | 23-05-2025 12:04 | 01:27 | 505 | 0 | 0.802 | 0.000 | 63001 | 65531 | i) Total generated power of Sainj HEP(HP) and Parbat_2(NH) and evacuates through 400 KV Parbat_2(NH)- Banala(PG) (PKTCL) Ckt and 400 KV Parbat_2(NH)-Sainj(HP) (PKTCL) Ckt, 400 KV Parbat_2(NH)-Sainj(HP) (PKTCL) Ckt. ii) During antecedent condition, 50MW Unit-1 and Unit-2 at Sainj HEP(HP) were running and generating 49MW each respectively, three units (4*250MW) at Parbat_2(NH) in service generating 189MW(Unit-1), 187MW(Unit-2), 129MW(Unit-4). 400KV Bus 2 and Unit-3 at Parbat_2 were under shutdown. iii) As reported, at 10:37 hrs, 400 KV Parbat_2 (NH)-Parbat Pooling Banala (PG) (PKTCL) Ckt-1 tripped due to 400KV Bus-Bar 1 protection operation. The Bus-Bar protection operated due to triggering of LBB protection relay of Unit-4 at Parbat_2. iv) At the same time, 400 KV Parbat_2 (NH)-Sainj(HP) (PKTCL) Ckt-1 along with all 3X200 MW Units at Parbat_2 HEP also tripped on 400KV Bus-Bar 1 protection operation. The Bus-Bar protection operation was due to triggering of LBB protection relay of Unit-4 at Parbat_2. v) Parbat_2 informed that the reason for triggering LBB protection was on account of improper implementation of AND function logic for non-electric faults in Unit-4. vi) This led to complete blackout of Parbat_2 HEP. vii) As per PMU at Banala(PG), no fault signature was observed. viii) As per SCADA, Generation loss of 505MW in Parbat_2. No Change in demand in HP control area observed. | i) 400 KV Parbat_2(NH)- Parbat Pooling Banala(PG) (PKTCL) Ckt-1 ii) 400 KV Parbat_2(NH)- Sainj(HP) (PKTCL) Ckt-1 iii) 200 MW Unit-1 at Parbat II HEP iv) 200 MW Unit-2 at Parbat II HEP v) 200 MW Unit-3 at Parbat II HEP vi) 200 MW Unit-4 at Parbat II HEP | | | | | |
| 21 | GD-1 | UP and Uttarakhand | 23-05-2025 20:24 | 23-05-2025 20:42 | 00:18 | 38 | 533 | 0.080 | 0.818 | 47565 | 65173 | i) Total generated power of Tanakpur evacuates through 220 KV Tanakpur (NH)-CBGanj(UP) (PG) Ckt-1, 220 KV Tanakpur(NH)-Sitarganj(PG) (PG) Ckt-1 and 132 KV Mahendra Nagar (PG)-Tanakpur (NH) (PG) Ckt-1. During the antecedent condition, 3X40 MW Tanakpur was generating 46MW. ii) 400/220KV Bareilly(UP) has double main and transfer bus-scheme in both 400KV and 220KV system. 315MVA, 400/220KV ICT 2 was in shutdown condition. The 315MVA, 400/220KV ICT 1 and 3, were loaded 311MW and 315 MW respectively. iii) As reported, at 20:24 hrs, an attempt was made to charge 315MVA, 400/220KV ICT 2. After ~15 sec of ICT charging, 220KV Bus-Bar Zone 2 (Y-ph differential) protection operated. As per PMU, there was no change in system bus bar operation. Exact reason of bus bar protection yet to be received. iv) Subsequently, 20:42 hrs, to Patnagarj, Chitrakoot, Dohna-II, Pilibhit-II and ICT-3 tripped due to 220KV Bus-Bar 1 protection operation at Bareilly. At the same time, 315MVA, 400/220KV ICT 1 was hand-tripped for equipment safety. v) As per PMU at Bareilly(UP), R-Y phase to phase fault was observed with delayed fault clearance of 440msec. As reported, 220KV Bareilly-Faridpuri line tripped on fault occurred due to snapping of line side jumper (after CT). vi) After tripping of ICTs at 400/220 KV Bareilly(UP), line loading of 220KV CB Ganji-Sitarganj ckt reached up to the level of 270MW, it leads to voltage oscillation/ fluctuation in the Tanakpur-Sitarganj-Cbganj complex. Voltage fluctuation was in the range of 125kv to 218kv on 220kv bus voltage and at the same time, two units at Tanakpur HEP (Unit-1 and Unit-2) also tripped. As a result, 533 MW load loss was observed in UP and approx. 38 MW of generation loss was observed in Tanakpur HEP. vii) At 20:42 hrs, 315MVA, 400/220KV ICT 1 was revived. viii) As reported at 20:51 hrs, 315MVA, 400/220KV ICT 1 loading increase to 347MW. As a result, the ICT tripped on Overcurrent protection. This again led to voltage fluctuations in the Tanakpur-Sitarganj-CBH Ganj complex as a result 220 KV Tanakpur (NH)-CBGanj(UP) (PG) Ckt-1, 220 KV Tanakpur(NH)-Sitarganj(PG) (PG) Ckt-1 and 132 KV Mahendra Nagar (PG)-Tanakpur (NH) (PG) Ckt-1 (Affected the power supply to Nepal) tripped simultaneously, which further led to 138 MW load loss in UP and approx. 31 MW of generation loss in Tanakpur HEP (Unit-3 tripped, Unit-1 and Unit-2 were already out). ix) As per PMU at Bareilly(UP), R-Y phase to phase fault was observed at 20:24hrs with delayed fault clearance of 440msec. x) This led to complete blackout of Tanakpur HEP. xi) As per SCADA, at 20:24 Hrs, as per SCADA approx. 533MW load loss was observed in UP and approx. 38 MW of generation loss was observed at Tanakpur HEP. xii) At 20:51 hrs, as per SCADA approx. 138MW load loss was observed in UP and approx. 31 MW of generation loss was observed at Tanakpur HEP. | i) 400/220 KV 315 MVA ICT 3 at Bareilly (UP) ii) 400/220 KV 315 MVA ICT 1 at Bareilly (UP) iii) 31.42 MW Tanakpur HPS - UNIT 1 iv) 31.42 MW Tanakpur HPS - UNIT 2 v) 220KV Bareilly(UP) - Pant Nagar vi) 220KV Bareilly(UP) - Pilibhit Ckt-1 vii) 220KV Bareilly(UP) - Pilibhit Ckt-2 viii) 220KV Bareilly(UP) - Dohna Ckt-2 ix) 220KV Bus-1 at Bareilly (UP) x) 220KV Bareilly - Faridpuri Ckt xi) 400/220 KV 315 MVA ICT 1 at Bareilly (UP) xii) 220 KV Bus-2 at Bareilly(UP) xiii) 220KV Bareilly(UP) - Bohra Ckt-1 xiv) 220KV Bareilly(UP) - Cb Ganj2 Ckt-1 xv) 132 KV Mahendra Nagar (PG)-Tanakpur(NH) (PG) Ckt-1 xvi) 220 KV Tanakpur (NH)- CB Ganj(UP) (PG) Ckt-1 xvii) 220 KV Tanakpur(NH)-Sitarganj(PG) (PG) Ckt-1 xviii) 31.42 MW Tanakpur HPS - UNIT 3 | | | | | |

Details of Grid Events during the Month of May 2025 in Western Region

| Sl 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 / 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) | | | Antecedent Generation (MW) | Antecedent Load (MW) | | | |
| 1 | GD-1 | WR | 01-05-2025 16:38 | 01-05-2025 18:06 | 01:28 | 600 | - | 0.70% | - | 86103 | 68833 | At 16:38 Hrs / 01-05-2025, 400KV REL Raipur PS (Durg) – 1 & 2 tripped on R-E fault and Y-E fault respectively resulted in blackout of 400KV APL Raipur/REL Substation due to loss of evacuation path. Heavy rains and windstorms with thunderstorms are reported in the area at the time of event. Generation loss of 600 MW at REL occurred due to the event. Loss supply at 400KV APL Raipur SS | 1. 400KV REL Raipur PS (Durg)-1 2. 400KV REL Raipur PS (Durg)-2 3. APL Raipur Unit-2 | |
| 2 | GD-1 | WR | 03-05-2025 15:11 | 03-05-2025 16:13 | 01:02 | 464 | - | 0.54% | - | 85511 | 71639 | At 15:11 Hrs / 03-05-2025, 400KV-ACBIL-Bilaspur & 400KV-MC CPL-Bilaspur lines tripped on B-E fault. Inclement weather conditions reported at the time of event. Total 464 MW generation loss occurred at ACBIL and MC CPL due to the loss of evacuation path. Loss supply at 400KV ACBIL and MC CPL | 1. 400KV-ACBIL-Bilaspur-1 2. 400KV-ACBIL-MC CPL-1 3. ACBIL Unit 1 (135 MW) 4. ACBIL Unit 2 (135 MW) 5. ACBIL Unit 3 (50 MW) 6. ACBIL Unit 4 (50 MW) 7. ACBIL Unit 5 (30 MW) 8. ACBIL Unit 7 (63 MW) 9. MC CPL Unit 1(300 MW) | |
| 3 | GI-2 | WR | 03-05-2025 15:17 | 03-05-2025 16:24 | 01:07 | 910 | - | 1.07% | - | 85023 | 71297 | At 15:17 Hrs / 03-05-2025, 400KV-KORBA-NTPC-RAIPUR-3 two phases (R&Y) of line isolator got opened on load, which led to KSTPS - 400KV - Bus 4 bus bar protection operation resulting in tripping of all connected units and lines. Heavy wind and rain reported during the event. Generation loss of 910 MW reported at Korba NTPC. | 1. 400KV-KORBA-NTPC-SIPAT-1 2. 400KV-KORBA-NTPC-BHATAPARA-1 3. 400KV-KORBA-NTPC-VINDHYACHAL-2 4. 400KV-KORBA-NTPC-RAIPUR-3 5. 400KV-KORBA-NTPC-RAIPUR-4 6. 400KV-BALCO (MRSDS)-KORBA-NTPC-1 7. KSTPS - 400KV - Bus 8. KSTPS1&2 Unit-5 (500 MW) 9. KSTPS1&2 Unit-6 (500 MW) | |
| 4 | GD-1 | WR | 03-05-2025 15:13 | 03-05-2025 18:34 | 03:21 | 0 | - | 0.00% | - | 85184 | 71544 | At 15:13 Hrs / 03-05-2025, 220 KV Sherisha-Raipur-1 tripped. Heavy rain reported at the time of event. No Generation loss occurred due to the event. Loss supply at 220 KV Sherisha SS | 1. 220 KV Sherisha-Raipur-1 | |
| 5 | GD-1 | WR | 05-05-2025 14:16 | 05-05-2025 15:33 | 01:17 | 283 | - | 0.35% | - | 80629 | 68160 | At 14:16 Hrs / 05.05.2025 400 KV JP Bina- Bina (PG) line tripped due to B-G fault. 400 KV JP Bina- Bina (MP) line was already under planned outage. Due to tripping of 400 KV JP Bina- Bina (PG) line, both units of JP Bina got tripped due to loss of evacuation path. Generation loss of 283 MW occurred at JP Bina. Loss supply at 400KV JP Bina SS | 1. 400 KV JP Bina- Bina (PG) 2. JP BINA Unit 1 (250 MW) 3. JP BINA Unit 2 (250 MW) | |
| 6 | GI-2 | WR | 06-05-2025 02:03 | 06-05-2025 03:48 | 01:45 | 43 | - | 0.06% | - | 69291 | 53781 | At 02:03 Hrs / 06.05.2025, 400KV/220KV SSP-ICT-1 tripped on overflux protection operation. 400KV/220KV SSP-ICT-2 was already under planned outage since 01.05.2025 for Conservator air cell checking & replacement work. Due to tripping of 400KV/220KV SSP-ICT-1, SSP (CHPH) Unit 2 (63MW) tripped due to loss of evacuation path. Generation loss of 43 MW occurred at (CHPH). Later, due to heavy rain and thunderstorm, 400KV SSP- Rajgarh-2 tripped at 02:13Hrs on Zone 1, Y-G ph fault, and 400KV SSP- Rajgarh-1 tripped at 02:15 Hrs on Zone 1, B-G ph fault. There is supply at 220kV SSP(CHPH), however 400KV SSP is intact. | 1. 400KV/220KV SSP-ICT-1 2. SSP (CHPH) Unit 2 (63MW) 3. 400kv SSP- Rajgarh-2 4. 400kv SSP- Rajgarh-1 | |

Details of Grid Events during the Month of May 2025 in Western Region

| Sl No. | Category of Grid Event (GI 1or 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) | | | Antecedent Generation (MW) | Antecedent Load (MW) | | | | | | |
| 7 | GI-2 | WR | 06-05-2025 12:02 | 09-05-2025 16:34 | 76:32 | - | - | - | 68454 | 59423 | At 12:02 Hrs/06.05.2025, 765kV-Vadodara Bus -1 & 2 tripped due to bus fault took place during opening of 712-89A isolator connected with 765KV Bus 1 along with 765KV-VADODARA-LAKADIA-1 & ICT-3. 765 kV Vadodara Lakadiya-2 was under planned outage prior to the event. No load loss reported as all other elements were intact. Remaining transmission lines are in service through Tie breakers and 400kV system is in service. | | | | 1. 765 kV Bus-1&2 2. 765 kV Vadodara Lakadiya-1&2 | | |
| 8 | GD-1 | WR | 06-05-2025 13:29 | 06-05-2025 14:17 | 00:48 | 198 | - | 0.28% | - | 70882 | 58202 | At 13:29Hrs/06-05-2025, 220 kV Bhuj PS- Kotda Madh single circuit tripped Tripped on Bph-E fault with Generation loss of 56 MW occurred at Kotda Madh (Netra). Along with that 220kV-Bhuj- Nanavalka(Alfanar) tripped on Bph-E fault with generation loss of 30MW at Nanavalka(Alfanar) . At the same time, 220kV-Bhuj-Ghadisia opened from Gadhsisa end only due to fault sensed in Zone-3 with 112MW generation loss at Gadhsisa. there is loss supply at 220kV Kotda Madh (Netra),220kV Nanavalka(Alfanar), 220kV Ghadsisa | | | | 1. 220kV Bhuj- Kotda Madh (Netra) 2. 220kV-Bhuj- Alfanar Valkana 3. 220kV-Bhuj-Ghadhsisa | |
| 9 | GI-2 | WR | 07-05-2025 16:56 | 07-05-2025 18:08 | 01:12 | 0 | - | 0.00% | - | 73488 | 56469 | At 16:56 Hrs/07-05-2025, 400 kV Kharhgar Bus 2 tripped on Bus bar protection operation due to HV side B phase LA blasted in 400/220 KV 315 MVA Kharhgar ICT2. At the same time, 400 KV Bus 1 & all the elements connected tripped (suspected mal-operation). 400 kV Kharhgar- Kalwa, 400 KV Kharhgar- Pune, 400 KV Kharhgar- Padghe(PG), 400 KV Kharhgar- Vikhroli & 400/220 KV Kharhgar ICTs 1,2,3&4 tripped during the event. As reported by site, heavy rains and thunderstorms reported during the event. As reported by MSLDC, no load loss reported during the event as 220 KV side of the station was in live condition. | | | | 1 400/220 KV 315 MVA Kharhgar ICT 2 2 400 kV Kharhgar- Kalwa 3 400 kV Kharhgar- Pune 4 400 kV Kharhgar- Padghe(PG) 5 400 kV Kharhgar- Vikhroli 6 400/220 KV Kharhgar 315 MVA ICT 1 7 400/220 KV Kharhgar 315 MVA ICT 3 8 400/220 KV Kharhgar 501 MVA ICT 4 9 400 KV Kharhgar Bus Coupler | |
| 10 | GD-1 | WR | 08-05-2025 17:40 | 09-05-2025 15:06 | 21:26 | 0 | - | 0.00% | - | 76041 | 59965 | At 17:40 Hrs/08.05.2025 400kV KPS1-PSS5 line tripped and 400 KV PSS-5 got dead due to water ingress in GIS Gas density- Model which led to false SF6 low signal amid inclement weather conditions. 400 KV PTR-2 also tripped at 17:44 Hrs due to the same reason. At the time of event generation was NIL at PSS-5. | | | | 1. 400 KV Khavda PS1-Khavda PSS5 | |
| 11 | GD-1 | WR | 08-05-2025 18:16 | 08-05-2025 21:18 | 03:02 | 271 | - | 0.36% | - | 74857 | 59130 | At 18:16 Hrs/ 08.05.2025, 220kV Bhuj- Alfanar Valkana, 220 Bhuj- Netra Kotda Madh, 220kV Bhuj-Gadhsisa tripped on B-N fault amid inclement weather condition. All generators have only one evacuation path, therefore, these stations became dead during line trippings. Total generation loss of 271 MW reported as per the following- 220kV Alfanar Valkana (51 MW), 220kV Netra Kotda Madh (100 MW), 220kV Gadhsisa (110 MW). | | | | 1. 220 KV Bhuj-Alfanar 2. 220 KV Bhuj-Netra Kotda Madh 3. 220 KV Bhuj-Gadhsisa | |
| 12 | GD-1 | WR | 08-05-2025 18:37 | 08-05-2025 20:22 | 01:45 | 18 | - | 0.02% | - | 75042 | 59789 | At 18:37 Hrs/ 08.05.2025, 220 KV Morjar Srijan-Bhuj-II tripped on B-N fault amid inclement weather condition. Total generation loss of 18 MW reported at Srijan Morjar due to loss of evacuation path. There is supply loss at 220kV Srijan Morjar | | | | 1. 220 KV Morjar Srijan-Bhuj-II | |
| 13 | GD-1 | WR | 11-05-2025 11:32 | 11-05-2025 13:35 | 02:03 | 500 | - | 0.73% | - | 68496 | 59758 | At 11:32 Hrs on 11-05-2025, the 220kV Radhanesda-Vav double circuit (DC) line tripped, resulting in the loss of a key evacuation path and a consequent solar generation loss of approximately 500 MW at Radhanesda (GETCO). No other elements were affected. There is supply loss at 220kV Radhanesda (GETCO) | | | | 1. 220KV Radhanesda-Vav-1 2. 220kV Radhanesda-Vav-2 | |
| 14 | GD-1 | WR | 11-05-2025 16:52 | 11-05-2025 18:08 | 01:16 | 2770 | - | 4.05% | - | 68350 | 59678 | At 16:52 Hrs/11.05.2025, 400KV-APL-MUNDRA-VARSANA-1 tripped due to Yph-Bph fault. At the same time, 400KV-APL-MUNDRA-SAMI-1 tripped due to overloading, HVDC Mundra Pole -1&2 tripped due to under voltage protection operation and APL unit-3 to unit-9 (7 units) tripped due to SPS operation. Prior to the event, following lines tripped at APL Mundra Substation due to inclement weather: 1. 400KV-APL-MUNDRA-CHARANKA-1 tripped at 16:18 Hrs. 2. 400KV-APL-MUNDRA-MANSAR-1 tripped at 16:30 Hrs. 3. 400KV-APL-MUNDRA-SAMI-2 tripped at 16:35 Hrs. 4. 400KV-APL-MUNDRA-VARSANA-2 tripped at 16:35 Hrs Generation loss of 2770 MW occurred as per SCADA at APL Mundra. | | | | 1.400KV-APL-MUNDRA-SAMI-1 2. HVDC 500kV APL Pole 1 3. HVDC 500kV APL Pole 2 4. 400KV-APL-MUNDRA-CHARANKA-1 5. 400KV-APL-MUNDRA-VARSANA-1 6. 400KV-APL-MUNDRA-VARSANA-2 7. 400KV-APL-MUNDRA-CHARANKA-1 8. 400KV-APL-MUNDRA-MANSAR (HALVAD)-1 9. APL Mundra unit - 3 10. APL Mundra unit - 4 11. APL Mundra unit - 5 12. APL Mundra unit - 6 13. APL Mundra unit - 7 14. APL Mundra unit - 8 15. APL Mundra unit - 9 16. 220kV / 400kV APL ICT-1 17. 220kV / 400kV APL ICT-2 18. 400kV APL BUS-1 19. 400kV APL BUS-2 | |
| 15 | GD-1 | WR | 11-05-2025 16:24 | 11-05-2025 17:41 | 01:17 | 280 | - | 0.41% | - | 76018 | 61049 | 1. At 16:24 Hrs /11-05-2025, 220 kV Bachau-Ostro Line-1 tripped due to B-E Fault. Prior to the event, 220KV-BACHAU-NARANPAR(OSTRO)-2 line was under forced outage from 21:39 Hrs./ 03.05.2025 due to Y-B fault. Generation loss of 180 MW is reported at 220 kV Ostro due to loss of evacuation path. 2. At the same time i.e. at 16:24 Hrs /11-05-2025, 220 kV Bachau-Bhuvad Line-1 & Line -2 tripped due to RYB-E Fault. Generation loss of 100 MW is reported by Bhuvad due to loss of evacuation path. | | | | 1.220 KV Bachau-Ostro-1 2. 220 KV Ostro BUS-1 3. 220 KV Ostro BUS-2 4. 220KV/33KV NARANPAR(OSTRO)-ICT-1 5. 220KV/33KV NARANPAR(OSTRO)-ICT-2 6. 220KV-BHUVAD-BACHAU-1 7. 220KV-BHUVAD-BACHAU-2 8. BHUVAD - 220KV - Bus 1 9. 220KV/33KV BHUVAD-ICT-1 10. 220KV/33KV BHUVAD-ICT-2 | |
| 16 | GD-1 | WR | 11-05-2025 15:54 | 11-05-2025 17:27 | 01:33 | 559 | - | 0.73% | - | 76966 | 61706 | At 15:54 Hrs/11.05.2025, 400kV Mahan-Bilaspur-1 also got tripped due to R-B fault. Prior to this, 400kV Mahan-Bilaspur-2 tripped on R-E fault at 15:42 Hrs. Due to loss of evacuation path MEL, Unit-2 (600 MW) tripped. This caused generation loss of ~559 MW at Mahan. | | | | 1. 400KV-APL-MUNDRA-SAMI-1 2. 400 KV Mahan Energen-Bilaspur 1 3.400 KV Mahan Energen-Bilaspur 2 4.600 MW MEL Unit 2 5. 600 MW MEL Unit 1 | |

Details of Grid Events during the Month of May 2025 in Western Region

| Sl No. | Category of Grid Event (GI 1or 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) | | | Antecedent Generation (MW) | Antecedent Load (MW) | | | | |
| 17 | GD-1 | WR | 15-05-2025 15:08 | 15-05-2025 17:02 | 01:54 | 210 | - | 0.25% | - | 83779 | 68136 | At 15:08 Hrs/15-05-2025, B phase CT of 33 kV chokar feeder blasted at Jagdalpur end. As the fault was not cleared by main protection/fault duration: 1.480 sec as per PMU), 220 kV Jagdalpur- Barsoor D/C (tripped at Barsoor end only on protecction) & 400/220 kV Jagdalpur ICTs tripped on Backup protection operation. Due to the tripping of the above-mentioned elements, 220 kV Jagdalpur- Nagarnar D/C became dead and resulted in blackout of 220 kV Nagarnar substation. As reported by Chhattisgarh SLD, 210 MW load loss occurred at Jagdalpur & Nagarnar. | Z3 | 1. 400/220 KV Jagdalpur ICT 1 2. 400/220 KV Jagdalpur ICT 2 3. 220 kV Jagdalpur- Barsoor 1 4. 220 kV Jagdalpur- Barsoor 2 | |
| 18 | GD-1 | WR | 16-05-2025 10:22 | 16-05-2025 10:41 | 00:19 | 250 | - | 0.32% | - | 78311 | 64987 | At 10:22 Hrs/ 16.02.2025, 220 kV Gurur- Barsoor tripped on B-E fault and resulted in blackout of 400/220 kV Jagdalpur, 220 kV Barsoor, 220 kV Nagarnar & 220 kV Narayanpur. Prior to the event, 400 kV Kurud- Jagdalpur was under planned shutdown and 400 kV Raita- Jagdalpur tripped on R-E fault at 10:02 Hrs. Test charge attempt of 400 kV Raita- Jagdalpur attempted at 10:17 Hrs but line tripped on SOTF with same relay indications. The entire load of Jagdalpur, Nagarnar, Narayanpur & Barsoor was fed from 220 kV Gurur- Barsoor, therefore tripping of this line caused disturbance resulted in Blackout at 400 kV Jagdalpur, 400/220 kV Jagdalpur, 220 kV Barsoor, 220 kV Nagarnar & 220 kV Narayanpur. As reported by Chhattisgarh SLD, 250 MW (Jagdalpur- 60 MW, Nagarnar- 40 MW, Narayanpur- 50 MW & Barsoor-100 MW) load loss occurred due to the event. | | Tripping of following Elements: 1. 400 KV Raita- Jagdalpur 2. 220 KV Gurur- Barsoor 3. 400/220 KV Jagdalpur ICT 2 4. 400/220 KV Jagdalpur ICT 1 5. 220KV Jagdalpur Barsoor 1 6. 220KV Jagdalpur Barsoor 2 7.220kV Jagdalpur Nagarnar 1 8.220kV Jagdalpur Nagarnar 2 9. 220kV Narayanpur Barsoor | |
| 19 | GD-1 | WR | 16-05-2025 12:10 | 16-05-2025 12:38 | 00:28 | 168 | - | 0.21% | - | 79522 | 64393 | At 12:10 Hrs/16-05-2025, 220 KV Pachora- Shajapur U7 ckt tripped on Y-E fault at Shajapur U7 end only & A/R successful at Pachora end. Due to tripping of this line, Shajapur U7 & Shajapur U6 (radially connected with Unit 7) went into dark. Generation loss of 168 MW reported at Shajipur due to loss of evacuation path. | | 1. 220kV Pachora-Shajapur U7 2. 220kV Shajapur U7-Shajapur U6 | |
| 20 | GD-1 | WR | 18-05-2025 23:59 | 28-05-2025 01:14 | 217:15 | 59 | - | 0.07% | - | 79938 | 64490 | At 23:59 Hrs/18-05-2025, 220kV Bhuj- Gadhsisa tripped on Y-B phase fault. Due to loss of evacuation path, 59 MW generation loss occurred at 220 kV Gadhsisa (Renew Power) WPP. As reported by Renew Power, Tower No.: 21/7 damaged from top section due to conductor theft incident (conductor theft in spare line above Gadhsisa line). | | 1.220kV Bhuj-Gadhsisa S/C | |
| 21 | GD-1 | WR | 24-05-2025 09:08 | 24-05-2025 12:42 | 03:34 | 50 | | 0.07% | | 69727 | 58993 | At 09:08 Hrs/24-05-25, During execution of planned shutdown of Bus-1 at 220kV Sidhpur S/S, LBB mal-operated during shifting of line from bus-1 to bus-2. Due to this Bus-1 and bus-2 tripped. Due to loss of evacuation path, generation loss of around 50 MW reported at Sidhpur. | | 1. 220kV Bus-1 2. 220kV Bus-2 3. 220/33 KV ICT-1 4. 220 KV Jamkambaliya-Sidhpur | |
| | GD-1 | WR | 23-05-2025 12:02 | 23-05-2025 13:48 | 01:46 | 163 | - | 0.23% | - | 69434 | 60237 | At 12:02 Hrs/23-05-2025, 220 KV Pachora- Shajapur U7 ckt tripped on Yph - Bph fault. Due to tripping of this line, Shajapur U7 & Shajapur U6 (radially connected with Unit 7) went into dark. Solar RE generation loss of 163 MW (U6- 81.24MW & U7-81.55MW) reported at Shajpur due to loss of evacuation path. | | 1. 220kV Pachora-Shajapur U7 2. 220kV Shajapur U7-Shajapur U6 | |
| | GD-1 | WR | 27-05-2025 16:27 | 27-05-2025 17:44 | 01:17 | 180 | - | 0.24% | | 74993 | 60665 | At 16:27 Hrs / 27-05-25, 400KV IEPL- Koradi tripped on R-E fault. At the same time, 400 KV IEPL- Warora line tripped on over voltage protection operation at IEPL end and Z-2 R-N fault indication at Warora end. IEPL Unit-1(270 MW) tripped due to loss of evacuation path & led to generation loss of 180 MW. | | 1. 400KV IEPL- Koradi 2. 400KV IEPL- Warora 3. IEPL Unit-1 (270 MW) | |

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

| Sl 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 - 1 | KARNATAKA | 02-05-2025 16:11 | 02-05-2025 16:19 | 00:08 | 1074 | 423 | 2.24% | 0.74% | | 47923.0 | 57059.89 | Complete outage of 220kV/110kV Kavoor SS, 220kV/110kV MSEZ(Bajpe) SS, and 400kV/220kV UPCL of Adani and Tripping of 220kV Bus-1 of 220kV/110kV Kemar SS of KPCL on 02-05-2025 at 16:11hrs: The triggering incident was BN fault in 400kV UPCL Hebbanahalli line-1 and 2. Due to tripping of these lines, running U#2 at UPCL got tripped on operation of SPS at 16:11:48 hrs. Since there was split bus operation at 220kV Kemar SS during antecedent condition, an island was formed consisting of 220kV Kemar Bus-1 connected loads and U#1 generation at UPCL. Due to variation in the load generation balance in the island, U#1 UPCL got tripped at 16:12:02hrs (island operation for 14 sec) on operation of UF protection resulting in the complete outage of 400kV/220kV UPCL, 220kV/110kV Kavoor SS, 220kV/110kV MSEZ(Bajpe) SS and de-energization of 220kV Bus-1 of 220kV/110kV Kemar SS. | 400KV-HEBBANAHALLI-UPCL-1, 400KV-HEBBANAHALLI-UPCL-2, UPCL UNIT 2, UPCL - UNIT 1 | |
| 2 | GD - 1 | ANDHRA PRADESH | 02-05-2025 18:32 | 02-05-2025 21:10 | 02:38 | 0 | 0 | 0.00% | 0.00% | | 39953.35 | 48900.74 | Complete outage of 400kV AMGEPL_Solar: As per the reports submitted, the triggering incident was B-N fault in 400kV Greenko AMGEPL line. At both ends, the fault was sensed in differential protection. A/R operated and the line tripped on persistent fault. Tripping of the only connected line led to complete outage of 400kV AMGEPL_Solar. | 400KV-GREENKO_CPSS-AMGEPL_SOLAR-1, AMGEPL_SOLAR - 400KV | |
| 3 | GD - 1 | KARNATAKA | 05-05-2025 20:12 | 06-05-2025 08:39 | 12:27 | 0 | 0 | 0.00% | 0.00% | | 40267.16 | 50912.0 | Complete Outage of 220kV Hiriyan Ostro Wind Station: Triggering incident was RN fault in 220kV-HIRIYUR_OSTRO-HIRIYUR-1 due to failure of suspension pilot insulator. Tripping of the only connected line resulted in the complete outage of 220kV Hiriyan Ostro Wind Station. | 220KV-HIRIYUR_OSTRO-HIRIYUR-1 | |
| 4 | GD - 1 | KARNATAKA | 13-05-2025 15:00 | Not restored yet | NA | 116 | 0 | 0.22% | 0.00% | | 51812.1 | 60401.98 | Complete Outage of 400kV/220kV Gadag_PSS, 220kV Veena_GadagPS, 220kV RSRPL_GadagPS, and 220kV Green Infra_GadagPS: As per the reports submitted, the triggering incident was Tower collapse at a distance of 16km from Kudgi end causing multiple faults in 400kV Gadag Kudgi Line-1&2 and the line tripped. Tripping of both lines led to complete outage of 400kV/220kV Gadag PS. Since 220kV GreenInfra_GadagPS, 220kV RSRPL_GadagPS, 220kV Veena GadaPS, 220kV Serentica are being radially Connected to 400kV/220kV Gadag Pooling station, Complete outage of 400kV/220kV Gadag PS led to complete outage of radial connected stations too. | 400KV-GADAG_PSS-KUDGI_PG-1, 400KV-GADAG_PSS-KUDGI_PG-2 | |
| 5 | GD - 1 | KARNATAKA | 14-05-2025 12:11 | 14-05-2025 12:32 | 00:21 | 0 | 131 | 0.00% | 0.23% | | 51661.04 | 56041.39 | Complete outage of 220kV/66kV HBR Layout SS of KPCL: During antecedent conditions, 220kV Maniyata HBR layout was under outage. As per the reports submitted, the triggering incident was R-N fault in the UG cable of 220kV Hoody HBR layout line and the line tripped. Tripping of the only connected line led to complete outage of 220kV HBR Layout SS. | 220KV-HOODY-HBR_LAYOUT-1 | |

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

| Sl 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) | | |
| 6 | GD - 1 | ANDHRA PRADESH | 19-05-2025 13:52 | 19-05-2025 14:09 | 00:17 | 121 | 0 | 0.28% | 0.00% | 43485.7 | 47300.41 | Complete outage of 220kV Upper Sileru PH: During antecedent conditions, 220kV Upper Sileru Balimela was idle charged from Upper Sileru end. The triggering incident was R-N fault in 220kV Donkarai Upper Sileru Line. At Donkarai end, E/F start was observed in EL and IR and the line tripped but E/F trip was not observed . However, the line was not tripped at Upper Sileru end but the fault was cleared by tripping of 220kV Upper Sileru Pendurthy Line at Pendurthy end on zone-3 protection. At the same time, Lower Sileru Unit-1 and Donkarai Units tripped. This led to complete outage of 220kV Upper Sileru PH. | 220KV-DONKARAYI-UPPER_SILERU-1, UPPER_SILERU-1, UPPER_SILERU - 220KV | 220KV-PENDURTHI- | |
| 7 | GD - 1 | PONDICHERRY | 21-05-2025 07:36 | 21-05-2025 08:55 | 01:19 | 0 | 153 | 0.00% | 0.36% | 40740.85 | 42651.92 | Complete Outage of 230kV/110kV/22kV Bahoor SS and 230kV/110kV Karaikal SS: During antecedent conditions, 230kV Karaikal NLC TS-2 line was under outage to control the overloading of 400kV/230kV NLC TS-2 ICTs. Hence, 230kV/110kV/22kV Bahoor SS and 230kV/110kV Karaikal SS were radially fed from 400kV/230kV Pondy SS. The triggering incident was RN fault in 230kV Pondy Bahoor line. Tripping of 230kV Pondy Bahoor line resulted in complete outage of 230kV/110kV/22kV Bahoor SS and 230kV/110kV Karaikal SS. | 230KV-PUDUCHERRY-BAHOR-1 | | |
| 8 | GD - 1 | KARNATAKA | 22-05-2025 11:22 | 22-05-2025 11:36 | 00:14 | 600 | 200 | 1.25% | 0.45% | 47922.67 | 43987.69 | Complete Outage of 220kV/66kV Neelagunda SS, 220kV/66kV Kudligi SS, 220kV/66kV Talak SS, 220kV BARC SS, 220kV Sagitri SS and 220kV Bus-2 of 220kV/66kV Ittagi SS: During antecedent conditions, 220kV Neelagunda Guttur and 220kV Jagalur Tallak Line-8.2 were under outage. 220kV Ittagi SS was operating with Bus split condition with 220kV Ittagi Neelagunda and 220kV Ittagi Kudligi Line-1&2 on 220kV Bus-1. As per the reports submitted, the triggering incident was Y-N fault in 220kV Hiriyur Talak line and B-N fault in 220kV Guttur Chitradurga Line-1. At the same time, 220kV Hiriyur Chitradurga Line tripped only at Chitradurga end on | 220KV-HIRIYUR-TALLAK-1, 220KV-GUTTUR-Chitradurga-1, 220KV-HIRIYUR-Chitradurga-1, 400KV/220KV JAGALUR-ICT-1, 400KV/220KV JAGALUR-ICT-2 | | |
| 9 | GI-1 | KARNATAKA | 01-05-2025 17:59 | 01-05-2025 18:30 | 00:31 | 0 | 20 | 0.00% | 0.04% | 37411.06 | 47410.33 | Tripping of 220kV Bus-1 of 220kV/110kV Narendra_KP SS of KPTCL: As per the reports submitted, the triggering incident was R- phase CVT failure in 220kV Narendra Ambewadi Line-2 at Narendra_KA SS. At the same time, 220kV Bus-1 BBP operated and all elements connected to 220kV Bus-1 tripped. | 220KV-AMBEWADI-NARENDRA_KP-2, 220KV-BIDNAL-NARENDRA_KP-1, 220KV-HUBLI-NARENDRA_KP-2, 220KV-KANABARGI-NARENDRA_KP-1, NARENDRA_KP - 220K - Bus 1, 220KV-AMBEWADI-NARENDRA-1 | | |
| 10 | GI-2 | ANDHRA PRADESH | 03-05-2025 11:34 | 03-05-2025 15:02 | 03:28 | 0 | 0 | 0.00% | 0.00% | 50208.45 | 53185.69 | Tripping of 765kV Bus-2 of 765kv/400kV Kurnool_PG SS: As per the reports submitted, the triggering incident was maloperation of PUA of 709 bay(Main bay of 765kV Kurnool Cuddapah Line-2). The BBP operation of Bus-2 was extended to 765kv Kurnool Bus-2. All main breakers connected to 765kV Bus-2 tripped. This led to loss of power supply to 765kV Bus-2 of 765kv/400kV Kurnool SS. | - | | |
| 11 | GI-2 | ANDHRA PRADESH | 15-05-2025 17:19 | 15-05-2025 18:18 | 00:59 | 0 | 0 | 0.00% | 0.00% | 42863.38 | 52353.84 | De-energization of 400kV Gazuwaka East Bus: During deblocking of BTB HVDC Gazuwaka bipoles, over voltages were observed in 400kV Gazuwaka East Bus. Triggering incident was tripping of 400kV Gazuwaka Jeypore line-1 on operation of DT Receive at Gazuwaka end due to OV St-1 protection operation at Jeypore end at 17:19:34hrs. Subsequently, 400kV Gazuwaka Jeypore line-2 tripped at 17:19:36hrs on operation of OV St-1 protection at Gazuwaka end and DT was sent to Jeypore end. Due to tripping of 400kV Gazuwaka Jeypore line-1 and 2, 400kV Gazuwaka East Bus got de-energised. Subsequently, BTB HVDC Gazuwaka bipoles got blocked on loss of AC voltage. | 400KV Gazuwaka Jeypore line-1 and 2 | | |
| 12 | GI-1 | TAMILNADU | 23-05-2025 13:52 | 23-05-2025 14:46 | 00:54 | 0 | 0 | 0.00% | 0.00% | 50055.72 | 45736.81 | Tripping of 230kV Bus-1 and Bus-2 of 230kV/110kV Gobi SS: Triggering incident was failure of B-phase CT of 230kV Bus Coupler at 230kV/110kV Gobi SS. BBP protection of 230kV Bus-1 and Bus-2 operated resulting in the tripping of all connected elements at 230kV/110kV Gobi SS. 110kV Bus was intact during the event. | 230KV-ARASUR-GOBI-1, 230KV-ARASUR_PG-GOBI-1, 230KV-GOBI-ANTHIYUR-1, 230KV-GOBI-MTPS_ST_III-1, 230KV-GOBI-PALKAPALYAM-1 | | |
| 13 | GI-1 | ANDHRA PRADESH | 24-05-2025 03:37 | 24-05-2025 05:37 | 02:00 | 0 | 0 | 0.00% | 0.00% | 37262.97 | 38252.05 | Tripping of 220kV Bus-2 of 220kV/132kV Chillakallu SS of APTRANSCO: As per the reports submitted, the triggering incident was R-N fault in 220kV Chillakallu VTPS Line-2. At Chillakallu end, the breaker failed to open and LBB operated. All elements connected to 220kV Chillakallu Bus-2 tripped. | 220KV-CHILLAKALLU-PULICHINTALA-1, SURYAPET-1, 220KV-VTPS-CHILLAKALLU-2 | 220KV-CHILLAKALLU- | |

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

| Sl 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 | CHATRA | 01.05.2025 13:04 | 01.05.2025 13:57 | 00:53 | 00:00 | 30 | 0.00% | 0.14% | 22325 | 20741 | 220kV Chatra S/s connected via S/c from Daltongunj & Latehar each S/s. At 13:04 Hrs, 220 kV Daltongunj-Chatra line tripped from Daltonganj 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 30 MW occurred at Chatra. Power was extended through 220kV Latehar-Chatra S/C at 13:57 Hrs. | 220kV Latehar-Chatra S/C 220kV Daltongunj-Chatra S/C | |
| 2 | GD-I | GARHWA | 04.05.2025 15:36 | 04.05.2025 18:30 | 02:54 | 00:00 | 80 | 0.00% | 0.34% | 24113 | 23260 | 220kV Garhwa S/s radially connected through 220kV-Daltongunj-Garhwa D/C. Prior to disturbance 220kV Datongunj-Garhwa #2 was under tripped condition from 16-25 Hrs of 03/05/2025 due to snapping of conductor. At 15:36 Hrs, 220kV Datongunj-Garhwa #1 tripped on R-Earth fault. Due to tripping of this element, 220kV Garhwa S/s became dead. Total load loss of 80 MW occurred at Garhwa S/s. Power restored through 220 KV Daltonganj (PG) –Garhwa #2 at 18:30 Hrs. | 220kV-Daltongunj-Garhwa #1 220kV-Daltongunj-Garhwa #2 | |
| 3 | GD-I | DIKCHU | 10.05.2025 11:35 | 10.05.2025 12:57 | 01:22 | 0 | 0 | 0.00% | 0.00% | 24876 | 28056 | At 11:35 Hrs, high resistive fault occurred in 400 KV Rangpo-Dikchu line and line tripped on B-Earth fault from both ends. As Dikchu was radially connected to Rangpo, 400kV Dikchu S/s became dead. During disturbance schedule of Dikchu was zero so no generation loss reported. 400 kV Rangpo-Dikchu charged at 12:57 Hrs. | 400 KV Rangpo-Dikchu | |
| 4 | GI-II | DIKCHU | 22.05.2025 12:52 | 22.05.2025 13:26 | 00:32 | 103 | 0 | 0.48% | 0.00% | 21277 | 25452 | At 12:51 Hrs, high resistive fault occurred in 400kV Dikchu-Rangpo CKT-II (Bypassing Teesta-III) and same fault was sensed by Dikchu 400/132kV ICT and ICT got tripped on O/C earth fault. Further faulty line tripped from both end after 3 sec. Due to tripping of 400/132kV ICT both units at Dikchu tripped on over frequency due to loss of evacuation path. Generation loss of 103 MW was reported. Dikchu Unit#1 & 2 synchronized at 13:26 Hrs and 13:27 Hrs respectively. | 400KV Dikchu-Rangpo CKT-II (Bypassing Teesta-III) 400/132 kV Dikchu ICT Dikchu Unit-1 Dikchu Unit-2 | |
| 5 | GD-I | MEJIA | 23.05.2025 20:09 | 23.05.2025 21:46 | 01:37 | 962 | 0 | 2.97% | 0.00% | 32408 | 27015 | At 20:09 Hrs on 23-05-2025, Total Power Failure occurred at 400KV Mejia due to operation of bus differential protection of both the 400kV main buses while performing bus change operation on GT 8. Total generation loss of 962 MW occurred at Mejia S/s. 400kV Main bus #1 was restored at 21:46 hrs on 23/05/25 after extending power through 400 KV Mejia Maithon ckt 1. | 400KV MAIN BUS - 1 AT MEJIA-B 400KV MAIN BUS - 2 AT MEJIA-B 400KV-MAITHON-MEJIA-1 400KV-MAITHON-MEJIA-2 400KV-MAITHON-MEJIA-3 400KV-JAMSHEDPUR-MEJIA-1 MEJIA -UNIT 7 MEJIA -UNIT 8 | |
| 6 | GD-I | JODA | 31.05.2025 12:07 | 31.05.2025 12:38 | 00:31 | 0 | 213 | 0.00% | 0.77% | 21986 | 27490 | Prior to the disturbance 220kV Joda-TTPS #2 and 220/132kV ICT#3 under breakdown condition and Joda load feeding through Ramchandrapur S/c and TTPS #1(ULO at Telkoi). During shifting of 220/132kV ICT#1(220/132kV ICT #1 & 2 connected through 220kV main bus#1) to 220kV main bus #2 heavy sparking observed while isolator opening of ICT #1 and create a three-phase bus fault at Joda S/s. 220kV Ramchandrapur & TTPS circuit tripped in Z-4 protection. 220kV Joda S/s became dead. Total 213 MW load loss occurred at Joda S/s. Power extended through 220kV-Joda Ramchandrapur at 12:38 Hrs. | 220kv Joda –Ramchandrapur 220kv Joda –Telkoi 220kv Joda –TSIL 220kv Joda –TTPS 220kv Joda –ISPL 220/132 kV ICT 1,2,3 | |

| Details of Grid Events during the Month of May 2025 in North Eastern Region | | | | | | | | | | | | |  ग्रिड-इंडिया GRID-INDIA | | |
|---|--|---|---|------------------------------|------------------|---|----------------|---|--|------------------|--|---|--|--|------------------|
| Sl 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 | Pasighat, Napit, Niglok areas of Arunachal Pradesh | 03-05-2025 16:01 | 03-05-2025 17:06 | 01:05 | 0 | 17 | 0.00% | 0.71% | 1713 | 2404 | Pasighat, 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 16:01 Hrs of 03-05-2025, 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 Along-Pasighat line at 17:06 Hrs of 03-05-2025 & 132 kV Roing - Pasighat line at 17:14 Hrs of 03-05-2025. | 132 kV Along-Pasighat & 132 kV Roing - Pasighat lines | | |
| 2 | GD I | Umrangsho and Haflong(AS) areas of Assam Power System & Haflong(PG) S/S | 04-05-2025 17:40 | 04-05-2025 19:47 | 02:07 | 0 | 11 | 0.00% | 0.44% | 2418 | 2519 | Umrangsho and Haflong(AS) areas of Assam Power System & Haflong(PG) S/S was radially connected with rest of NER Grid via 132 kV Khandong-Umrangsho line. Prior to the event, 132 kV Haflong(PG)-Jiribam line was under planned continuous shutdown since 21-04-2025. At 17:40 Hrs of 04-05-2025, 132 kV Khandong-Umrangsho line tripped. Due to tripping of these elements, Haflong(PG), Umrangsho and Haflong(AS) areas of Assam Power system got isolated from NER Grid and collapsed due to no source available in these areas. Power supply was extended to Umrangsho area of Assam Power System by charging 132 kV Khandong-Umrangsho line at 19:21 Hrs of 04-05-2025. Subsequently, power restoration at Haflong(PG) and Haflong(AS) were done by charging 132 kV Umrangsho-Haflong(PG) and 132 kV Haflong(PG)-Haflong(AS) at 19:40 Hrs and 19:47 Hrs of 04-05-2025 respectively. | 132 kV Khandong-Umrangsho line | | |
| 3 | GD I | Umrangsho and Haflong(AS) areas of Assam Power System & Haflong(PG) | 06-05-2025 17:56 | 06-05-2025 18:03 | 00:07 | 0 | 11 | 0.00% | 0.41% | 2475 | 2678 | Umrangsho and Haflong(AS) areas of Assam Power System & Haflong(PG) S/S was radially connected with rest of NER Grid via 132 kV Khandong-Umrangsho line. Prior to the event, 132 kV Haflong(PG)-Jiribam line was under planned continuous shutdown since 21-04-2025. At 17:56 Hrs of 06-05-2025, 132 kV Khandong-Umrangsho line was hand tripped. Due to tripping of these elements, Haflong(PG), Umrangsho and Haflong(AS) areas of Assam Power system got isolated from NER Grid and collapsed due to no source available in these areas. Power supply was extended to Umrangsho and Haflong area of Assam Power System by charging 132kV Khandong-Umrangsho line at 18:03 Hrs of 06-05-2025. | 132 kV Khandong-Umrangsho line | | |
| 4 | GD I | Rengpang area of Manipur Power System | 08-05-2025 06:54 | 08-05-2025 07:30 | 00:36 | 0 | 2.4 | 0.00% | 0.10% | 1743 | 2309 | 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 06:54 Hrs of 08-05-2025, 132 kV 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 07:30 Hrs of 08-05-2025. | 132 kV Loktak-Rengpang line | | |
| 5 | GD I | Amrit area of Meghalaya Power System | 08-05-2025 14:30 | 08-05-2025 14:50 | 00:20 | 0 | 2 | 0.00% | 0.08% | 1594 | 2623 | Amrit area of Meghalaya Power System was connected with rest of NER Grid through 132 kV Lumshnong-Amrit line. At 14:30 Hrs of 08-05-2025, 132 kV Lumshnong-Amrit line tripped. Due to tripping of this element, Amrit area of Meghalaya Power System was isolated from NER Grid and collapsed due to no source available in this area. Power supply was extended to Amrit area of Meghalaya Power System by charging 132 kV Lumshnong-Amrit line at 14:50 Hrs of 08-05-2025. | 132 kV Lumshnong-Amrit line | | |
| 6 | GD I | Haflong(AS) area of Assam Power System | 10-05-2025 12:39 | 10-05-2025 13:16 | 00:37 | 0 | 3.3 | 0.00% | 0.12% | 1452 | 2680 | Haflong(AS) area of Assam Power System was radially connected with rest of NER Grid via 132 kV Haflong(AS)-Haflong(PG) line. At 12:39 Hrs of 10-05-2025, 132 kV Haflong(AS)-Haflong(PG) line tripped. Due to tripping of these elements, Haflong(AS) area of Assam Power system got isolated from NER Grid and collapsed due to no source available in this area. Power supply was extended to Haflong(AS) area of Assam Power System by charging 132 kV Haflong (AS) - Haflong(PG) line at 13:16 Hrs of 10-05-2025. | 132 kV Haflong(AS)-Haflong(PG) line | | |
| 7 | GD I | Cherrapunji area of Meghalaya power system | 11-05-2025 11:33 | 11-05-2025 13:40 | 02:07 | 0 | 1.8 | 0.00% | 0.10% | 1709 | 1748 | Cherrapunji area of Meghalaya Power System is connected with rest of NER Grid by 132 kV Mawlai-Cherrapunji line. At 11:33 Hrs of 11-05-2025, 132 kV Mawlai-Cherrapunji line tripped. Due to the tripping, Cherrapunji area of Meghalaya Power System got isolated from NER Grid and collapsed due to no source available in this area. Power Suppy was extended to Cherrapunji area of Meghalaya power system by charging 132 kV Mawlai-Cherrapunji line at 13:40 Hrs of 11-05-2025. | 132 kV Mawlai-Cherrapunji line | | |

| Details of Grid Events during the Month of May 2025 in North Eastern Region | | | | | | | | | | | | |  नेट-इंडिया GRID-INDIA | | |
|---|--|---|---|------------------------------|------------------|---|----------------|---|--|------------------|--|--|--|--|------------------|
| Sl 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) | | | |
| 8 | GD I | Rongkhon and Ampati areas of Meghalaya Power system & Hatisingimari area of Assam Power system | 11-05-2025 14:24 | 11-05-2025 15:06 | 00:42 | 0 | 41 | 0.00% | 2.03% | 1839 | 2024 | Rongkhon and Ampati areas of Meghalaya Power system & Hatisingimari area of Assam were connected with rest of NER Grid by 132 kV Nangalbibra-Rongkhon line & 132 kV Agia-Hatisingimari line. At 14:24 Hrs of 11-05-2025, 132 kV Nangalbibra-Rongkhon and 132 kV Agia – Hatisingimari lines tripped. Due to tripping of these elements, Rongkhon and Ampati areas of Meghalaya Power System and Hatisingimari area of Assam power system got isolated from NER Grid and collapsed due to no source available in these areas. Power was extended to Rongkhon, Ampati & Hatisingimari areas by charging 132 kV Nangalbibra-Ronkhon-Ampati link at 15:06 Hrs of 11-05-2025. | 132 kV Nangalbibra-Rongkhon and 132 kV Agia – Hatisingimari lines | | |
| 9 | GD I | Rongkhon, Ampati and Ganol areas of Meghalaya Power system & Hatisingimari area of Assam power system | 12-05-2025 04:59 | 12-05-2025 05:43 | 00:44 | 0 | 11 | 4.46% | 0.67% | 1705 | 1630 | Rongkhon, Ampati areas of Meghalaya Power system and Hatisingimari area of Assam were connected with rest of NER Grid by 132 kV Nangalbibra-Rongkhon and 132 kV Agia-Hatisingimari lines. Prior to the event, 132 kV Agia – Hatisingimari line was under outage since 15:14 Hrs of 11-05-2025. At 04:59 Hrs of 12-05-2025, 132 kV Nangalbibra-Rongkhon line tripped. Due to this tripping, Rongkhon Ganol, Ampati substations of Meghalaya Power System and Hatisingimari area of Assam power system got isolated from NER Grid and collapsed due to no source available in these areas. Power was extended to Ronghon, Ampati, Ganol and Hatisingimari areas by charging 132 kV Nangalbibra-Rongkhon line at 05:43 Hrs of 12-05-2025. | 132 kV Nangalbibra-Rongkhon line | | |
| 10 | GD I | Kolasib, Bairabi and Turial area of Mizoram Power System | 12-05-2025 05:52 | 12-05-2025 07:01 | 01:09 | 0 | 1 | 0.00% | 0.06% | 1716 | 1670 | Kolasib area of the Mizoram Power system is connected to the rest of the NER grid through 132 kV Kolasib-Badarpur and 132 kV Kolasib - Aizawl lines. Turial and Bairabi are connected with Kolasib via 132 kV Kolasib - Turial and 132 kV Kolasib-Bairabi lines respectively. At 05:52 Hrs of 12-05-2025, 132 kV Aizawl-Kolasib and 132 kV Badarpur-Kolasib lines tripped leading to loss of power in Kolasib, Turial and Bairabi area of Mizoram Power system. Power supply was restored in Kolasib area at 07:01 Hrs of 12-05-2025 by charging 132 kV Aizawl - Kolasib line. | 132 kV Aizawl-Kolasib and 132 kV Badarpur-Kolasib lines | | |
| 11 | GD I | Tezu and Namsai areas of Arunachal Pradesh Power System | 20-05-2025 07:45 | 20-05-2025 12:31 | 04:46 | 0 | 12 | 0.00% | 1.52% | 2046 | 2165 | Tezu and Namsai areas of Arunachal Pradesh Power System were connected with rest of NER Grid via 132 kV Roing – Tezu line. At 07:45 Hrs of 20-05-2025, 132 kV Roing – Tezu line tripped leading to blackout of Tezu and Namsai areas of Arunachal Pradesh Power System. Power was extended to Tezu and Namsai areas of Arunachal Pradesh by charging 132 kV Roing-Tezu line at 12:31 Hrs of 20-05-2025. | 132 kV Roing – Tezu line | | |
| 12 | GD I | Chiephobozou area of Nagaland power system | 22-05-2025 16:42 | 22-05-2025 18:09 | 01:27 | 0 | 1.2 | 0.00% | 0.05% | 2326 | 2652 | Chiephobozou areas of Nagaland Power System was connected with rest of NER Grid through 132 kV Wokha - Chiephobozou and 132kV Zhadima - Chiephobozou line. At 16:42 Hrs of 22-05-2025, 132 kV Wokha - Chiephobozou and 132 kV Zhadima - Chiephobozou lines tripped. Due to tripping of these elements, Chiephobozou area of Nagaland Power System was isolated from NER Grid and collapsed due to no source available in this area. Power supply restored to Chiephobozou area of Nagaland Power System at 18:09 Hrs by charging 132 kV Chiephobozou-Zhadima line. | 132 kV Wokha - Chiephobozou and 132 kV Zhadima - Chiephobozou lines | | |
| 13 | GD I | Along and Pasighat areas of Arunachal Pradesh Power System | 23-05-2025 14:01 | 23-05-2025 15:04 | 01:03 | 0 | 11 | 0.00% | 0.40% | 2132 | 2770 | Along and Pasighat areas of Arunachal Pradesh Power System were connected with rest of NER Grid through 132 kV Along-Basar and 132 kV Roing-Pasighat line. At 14:01 Hrs of 23-05-2025, 132 kV Basar - Along and 132 kV Pasighat - Roing line tripped. Due to tripping of these elements, Along and Pasighat 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 Pasighat area by charging 132 kV Roing-Pasighat line at 14:46 Hrs of 23-05-2025 and to Along area by charging 132 kV Along – Pasighat line at 15:04 Hrs of 23-05-2025. | 132 kV Basar - Along and 132 kV Pasighat - Roing lines | | |
| 14 | GD I | Sihhmui area of Mizoram Power System | 26-05-2025 17:21 | 29-05-2025 19:34 | 74:13 | 0 | 8 | 0.00% | 0.29% | 2063 | 2714 | Sihhmui area of Mizoram Power System was connected with rest of NER Grid through 132 kV Sihhmui-Melriat(PG) D/C lines. Prior to the event, 132 kV Zuangtui-Sihhmui line was under outage. At 17:21 Hrs of 26-05-2025, 132 kV Sihhmui-Melriat(PG) D/C lines tripped. Due to tripping of this element, Sihhmui area of Mizoram Power System was isolated from NER Grid and collapsed due to no source available in this area. Power was extended to Sihhmui area of Mizoram power system by charging 132 kV Zuangtui-Sihhmui line (charged as 33 kV as informed by Mizoram) at 17:21 Hrs of 26-05-2025. | 132 kV Sihhmui-Melriat(PG) D/C lines | | |

| Details of Grid Events during the Month of May 2025 in North Eastern Region | | | | | | | | | | | | |  नेट-इंडिया GRID-INDIA |
|---|--|---|---|------------------------------|------------------|---|----------------|---|--|------------------|--|--|--|
| Sl 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) | |
| 15 | GD I | Rengpang area of Manipur Power System | 26-05-2025 13:47 | 28-05-2025 13:50 | 48:03 | 0 | 1 | 0.00% | 0.04% | 1622 | 2545 | <p>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.</p> <p>At 13:47 Hrs of 26-05-2025, 132 kV 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.</p> <p>Power was extended to Rengpang area by charging 132 kV Loktak-Rengpang Line at 13:50 Hrs of 28-05-2025.</p> | 132 kV Loktak-Rengpang line |
| 16 | GD I | Ziro area of Arunachal Pradesh Power System | 30-05-2025 22:06 | 30-05-2025 22:36 | 00:30 | 0 | 4 | 0.00% | 0.21% | 3153 | 1912 | <p>Ziro area of Arunachal Pradesh Power System was only connected with rest of NER Grid through 132 kV Ranganadi - Ziro Line and 132 kV Ziro-Daporizo Line. Prior to the event, 132 kV Ziro-Daporizo line was under tripped condition since 18:15 Hrs of 30-05-2025.</p> <p>At 22:06 Hrs of 30-05-2025, 132 kV Ranganadi – Ziro Line tripped. Due to tripping of this line, Ziro area of Arunachal Pradesh Power System was isolated from NER Grid and collapsed due to no source available in this area.</p> <p>Power was extended to Ziro area by charging 132 kV Ranganadi-Ziro line at 22:36 Hrs of 30-05-2025.</p> | 132 kV Ranganadi – Ziro Line |
| 17 | GD I | Zhadima, Chiephobozou, Wokha and Sanis areas of Nagaland Power System | 31-05-2025 01:32 | 31-05-2025 03:05 | 01:33 | 0 | 2 | 0.00% | 0.14% | 2912 | 1459 | <p>Zhadima, Chiephobozou, Wokha and Sanis areas of Nagaland Power System are connected with rest of NER Grid through 132 kV Zhadima - Kohima line and 132 kV Doyang-Sanis line.</p> <p>At 01:32 Hrs of 31-05-2025, 132 kV Zhadima – Kohima, 132 kV Doyang-Sanis and 132 kV Sanis-Wokha lines tripped. Due to tripping of these elements, Zhadima, Chiephobozou, Wokha and Sanis areas of Nagaland Power System were isolated from NER Grid and collapsed due to no source available in these areas.</p> <p>Power supply was restored to Zhadima, Chiephobozou, Wokha and Sanis areas of Nagaland Power System by charging 132 kV Zhadima-Kohima line at 02:19 Hrs of 31-05-2025 and at 03:05 Hrs of 31-05-2025 by charging 132 kV Doyang - Sanis line.</p> | 132 kV Zhadima – Kohima, 132 kV Doyang-Sanis and 132 kV Sanis-Wokha lines |

21. NEW ELEMENTS CHARGED IN MAY 2025

GENERATING UNITS

| REGION | S. NO. | Location | Owner/Unit Name | Unit No/Source | Capacity added (MW) | Total/Installed Capacity (MW) | DATE |
|--------|--------|--|--|---------------------------------|---------------------|-------------------------------|------------|
| WR | 1 | 400 kV Vedanta | Vedanta Private Ltd. | Thermal | 600 | 600/600 | 24.05.2025 |
| | 2 | NTPC REL Khavda PSS-2 | NTPC REL Khavda PSS2 (NREL) | Solar | 450.84 | 539/1555 | 08.05.2025 |
| | 3 | Khavda PSS-5 | Adani Renewable Energy Forty Five Ltd. (ARE45L) | Solar | 75 | 125/250 | 13.05.2025 |
| | 4 | Khavda PSS-13 | Adani Renewable Energy Fifty Seven Ltd. (ARE57L) | Solar | 75 | 650/1100 | 13.05.2025 |
| | 5 | Khavda PSS-10 | Adani Renewable Energy Fifty Six Ltd. (ARE56L) | Solar | 75 | 250/500 | 14.05.2025 |
| | 6 | Konhal RGESPL PSS-4 | Renew Green (MHS Three) Private Ltd. | Solar | 50.1 | 50.1/100 | 29.05.2025 |
| | 7 | Akkalkot RGESPL PSS-5 | Renew Green (MHS Three) Private Ltd. | Solar | 100.5 | 100/100 | 29.05.2025 |
| | 8 | Akkalkot RGESPL PSS-5 | Renew Green (TN Three) Private Ltd. | Solar | 99.6 | 99.6/100 | 29.05.2025 |
| NR | 9 | Bikaner-II | SIVN Green Energy Ltd | Solar | 64.01 | 320 | 01.05.2025 |
| | 10 | Bikaner-II | ACME Sikar Solar Private Limited(ASPL_BKN2) | Solar | 75 | 300 | 03.05.2025 |
| | 11 | Bhadla_2 | Nokh Solar Power Plant NTPC Limited | Solar | 237.57 | 735 | 23.05.2025 |
| | 12 | Bikaner-II | Juna Renewable Energy Private Limited(JREPL) | Solar | 335 | 335 | 24.05.2025 |
| | 13 | Bhadla_2 | GORBEA SOLAR PRIVATE LIMITED(GSPL) | Solar | 100 | 300 | 25.05.2025 |
| | 14 | Bikaner-II | ACME Sikar Solar Private Limited(ASPL_BKN2) | Solar | 60 | 300 | 27.05.2025 |
| SR | 15 | Bikaner-II | Karinras Solar Plant NHPC Ltd(KSP_NHPC) | Solar | 53.57 | 300 | 27.05.2025 |
| | 16 | 230KV/33KV Generation Pooling S/S 220KV KOPPALS/S | KLEIO SOLAR POWER Pvt. Ltd. | Solar Generation (Lot-1) | 105 | 105 | 09.05.2025 |
| | 17 | 400KV GREENKO CPSS | GREENKO AP01 IREP | Hydro/PSP Generation(Unit-6) | 240 | 1200 | 13.05.2025 |
| | 18 | 400KV GREENKO CPSS | GREENKO AP01 IREP | Hydro/PSP Generation(Unit-7) | 120 | 1320 | 12.05.2025 |
| | 19 | 400KV GREENKO CPSS | GREENKO AP01 IREP | Hydro/PSP Generation(Unit-8) | 120 | 1440 | 09.05.2025 |
| | 20 | Nellore, Andhra Pradesh | Meenakshi Energy Limited (MEPL) - UNIT-3 | UNIT-3 | 350 | 1000 | 21.05.2025 |
| | | | | Total Solar Generation addition | 2513 | | |
| | | | | Total Wind Generation addition | 634 | | |

Interconnecting/Generator/Station Transformers

| REGION | S.NO. | Agency/Owner | Sub-Station | ICT No. | Voltage Level (kV) | Capacity (MVA) | DATE |
|--------|-------|--|--|-------------|--------------------|----------------|------------|
| WR | 1 | Renew Green Energy Solutions Pvt. Ltd. | Akkalkot RGESPL PSS5 | ICT-1 | 400/33 | 100 | 28.05.2025 |
| | 2 | NTPC REL Khavda PSS2 | NTPC REL Khavda PSS2 | ICT-5 | 400/33 | 315 | 26.05.2025 |
| | 3 | Renew Green Energy Solutions Pvt. Ltd. | Tuljapur RGESPL PSS1 | ICT-2 | 400/33 | 200 | 24.05.2025 |
| | 4 | Renew Green Energy Solutions Pvt. Ltd. | Tuljapur RGESPL PSS1 | ICT-1 | 400/33 | 200 | 24.05.2025 |
| NR | 5 | Tehri PSP | Tehri(THDC) | GT-7 | 420/15.75 | 306 | 03.05.2025 |
| | 6 | RSACL | RSACL(PSS3) SL BHD2 PG | ICT-1 | 220/33 | 100 | 05.05.2025 |
| | 7 | RSACL | RSACL(PSS3) SL BHD2 PG | ICT-2 | 220/33 | 100 | 05.05.2025 |
| | 8 | RSACL | RSACL(PSS3) SL BHD2 PG | ICT-3 | 220/33 | 100 | 05.05.2025 |
| NER | 9 | POWERGRID ER NER Transmission Limited | Namsai | ICT-4 | 220/132 | 160 | 31.05.2025 |
| | 10 | POWERGRID ER NER Transmission Limited | Namsai | ICT-3 | 220/132 | 160 | 31.05.2025 |
| ER | 11 | WBSETCL | Jeerat | ICT-5 | 400/220 | 315 | 26.05.2025 |
| | 12 | WBSETCL | SATGACHIA | ICT-1 | 400/220 | 500 | 11.05.2025 |
| | 13 | WBSETCL | SATGACHIA | ICT-2 | 400/220 | 500 | 13.05.2025 |
| SR | 14 | GREENKO AP01 IREP | 400KV/18KV GREENKO PSP | GT-6 | 400KV/18KV | 300 | 13.05.2025 |
| | 15 | GREENKO AP01 IREP | 400KV/18KV GREENKO PSP | GT-7 | 400KV/18KV | 150 | 12.05.2025 |
| | 16 | GREENKO AP01 IREP | 400KV/18KV GREENKO PSP | GT-8 | 400KV/18KV | 150 | 09.05.2025 |
| | 17 | SERENTICA RENEWABLES INDIA 3 Pvt. Ltd. | 220KV/33KV Serentica RI3PL Gadag_S-ICT-1 | ICT-1 | 220KV/33KV | 150 | 10.05.2025 |
| | 18 | SERENTICA RENEWABLES INDIA 3 Pvt. Ltd. | 220KV/33KV Serentica RI3PL Gadag_S-ICT-2 | ICT-2 | 220KV/33KV | 150 | 10.05.2025 |
| | 19 | SERENTICA RENEWABLES INDIA 3 Pvt. Ltd. | 220KV/33KV Serentica RI3PL Gadag_W-ICT-1 | ICT-1 | 220KV/33KV | 150 | 12.05.2025 |
| | 20 | SERENTICA RENEWABLES INDIA 3 Pvt. Ltd. | 220KV/33KV Serentica RI3PL Gadag_W-ICT-2 | ICT-2 | 220KV/33KV | 150 | 12.05.2025 |
| | | | | Total (MVA) | 4256 | | |

NEW TRANSMISSION LINES

| REGION | S.NO. | Agency/Owner | Line Name | Length (KM) | Conductor Type | DATE |
|--------|-------|--|---|-------------|----------------|------------|
| WR | 1 | Goa Tamar Transmission Projects Ltd. | 220 KV Xeldorf (GTPL) - Xeldorf (GED)-1 | 22.2 | ACSS HTLS | 29.05.2025 |
| | 2 | Goa Tamar Transmission Projects Ltd. | 220 KV Xeldorf (GTPL) - Xeldorf (GED)-1 | 22.2 | ACSS HTLS | 29.05.2025 |
| | 3 | Renew Green Energy Solutions Pvt. Ltd. | 400 KV Konhal RGESPL PSS4 - Tuljapur RGESPL PSS1 | 45.3 | AL59 | 15.05.2025 |
| NR | 4 | XL_XPPL | 220KV Bhadla_2 (PG)-RSACL(PSS3)_SL_BHD2_PG-1 | 31.1 | AL59 Moose | 04.05.2025 |
| | 5 | ASSPL_BKN2 | 220KV Bikaner_2 (PBTS)-Juna_REPL_SL_BKN2-1 | 16.2 | AL59 Moose | 21.05.2025 |
| ER | 6 | Aditya Aluminium | 400 KV Lapanga-Aditya Aluminium Ckt-1 | 5.4 | AAAC MOOSE | 23.05.2025 |
| | 7 | Aditya Aluminium | 400 KV Lapanga-Aditya Aluminium Ckt-2 | 5.4 | AAAC MOOSE | 23.05.2025 |
| SR | 8 | SERENTICA RENEWABLES INDIA 3 Pvt. Ltd. | 220KV-GADAG_PSS-Serentica RI3PL_Gadag_S-1 | 11.4 | ACSS 378 | 10.05.2025 |
| | 9 | SERENTICA RENEWABLES INDIA 3 Pvt. Ltd. | 220KV-Serentica RI3PL_Gadag_S-Serentica RI3PL_Gadag_W-1 | 22.6 | AL59 MOOSE | 12.05.2025 |
| | | | Total length (km) | 181.7 | | |

ANTI-THEFT CHARGING OF NEW TRANSMISSION LINES

| REGION | S.NO. | Agency/Owner | Line Name | Length (KM) | Conductor Type | DATE |
|--------|-------|-----------------------------------|--|-------------|----------------|------------|
| WR | 1 | POWERGRID ER-WR Transmission Ltd. | 400 kV Jeypore - Jagdalpur - 2 (from CSPTCL Jagdalpur end up to Jeypore gantry in ER) | 68.81 | Quad moose | 22.05.2025 |
| NR | 2 | UPPTCL | 132KV Nanpara(UP)-Kohalpur(Nepal) CKT-1 from Nanpara(UP) upto Tower no.98 (upto Indian border) | 32.072 | Panther | 30.05.2025 |
| NER | 3 | UPPTCL | 132KV Nanpara(UP)-Kohalpur(Nepal) CKT-2 from Nanpara(UP) upto Tower no.98 (upto Indian border) | 32.072 | Panther | 30.05.2025 |
| | 4 | DoP, AP | 132KV Ziro (PG) - Yachuli (New Ziro) Line 2 | 12.221 | ACSR Panther | 14.05.2025 |

LIO/RE-ARRANGEMENT OF EXISTING TRANSMISSION LINES

| REGION | S.NO. | Agency/Owner | Line Name/LIO at | Length (KM) | Conductor Type | DATE |
|--------|-------|------------------|--|-------------|---------------------|------------|
| WR | 1 | MPPTCL | 220 KV Datia - Gwalior PG | 55.18 | ACSR Zebra 45 | 29.05.2025 |
| | 2 | MPPTCL | 220 KV Gwalior PG - Mahalgao ckt III | 10.205 | ACSR Zebra 45 | 29.05.2025 |
| | 3 | WRTS2, POWERGRID | 400 KV Veloda - Kansari ckt II (Formed by 400 KV Veloda - Banaskantha & 400 KV Banaskantha - Kansari bypass at Banaskantha) | 52.28 | ACSR Twin Moose 85C | 29.05.2025 |
| NR | 4 | HVPNL | 220KV Kadarpur (GPTL)-Pali(HV)-1 | 19.195 | AL59 Zebra | 15.05.2025 |
| | 5 | HVPNL | 220KV Kadarpur (GPTL)-Pali(HV)-2 | 19.195 | AL59 Zebra | 15.05.2025 |
| | 6 | HVPNL | 220KV Kadarpur (GPTL)-Gurugram_sec65 (HVPNL)-1 | 14.927 | AL59 Zebra | 15.05.2025 |
| | 7 | HVPNL | 220KV Kadarpur (GPTL)-Gurugram_sec65 (HVPNL)-2 | 14.927 | AL59 Zebra | 15.05.2025 |
| ER | 8 | WBSETCL | 400KV-NEW CHANDITALA-SATGACHIA-2 | 88 | ACSR MOOSE | 09.05.2025 |
| | 9 | WBSETCL | 400KV-GOKARNA-SATGACHIA-2 | 98 | ACSR MOOSE | 09.05.2025 |
| | 10 | WBSETCL | 400KV-NEW CHANDITALA-SATGACHIA-1 | 88 | ACSR MOOSE | 09.05.2025 |
| | 11 | WBSETCL | 400KV-GOKARNA-SATGACHIA-1 | 98 | ACSR MOOSE | 09.05.2025 |
| | 12 | SPTL | 400KV-DIKCHU-RANGPO-2 | 71.482 | QUAD MOOSE | 10.05.2025 |

BUS/LINE REACTORS

| REGION | S.NO. | Agency/Owner | Element Name | Voltage Level (kV) | Rating (MVar) | DATE |
|--------|-------|-------------------------------|---|--------------------|---------------|------------|
| WR | 1 | Khavda II-A Transmission Ltd. | 330 MVAR, Line reactor of 765 kV KPS2 - Lakhadia line 2 at KPS2 | 765 | 330 | 24.05.2025 |
| NR | 2 | UPRVUNL | 330 MVAR Switchable Convertible LR of 765kV Bhadla-II Sikar-II Ckt-4 at Sikar_2(PSTL) | 765 | 330 | 14.05.2025 |
| ER | 3 | WBSETCL | 125MVAr 400kV B/R-1 AT SATGACHIA | 400 | 125 | 11.05.2025 |
| | | | Total (MVAR) | 785 | | |

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 - मई 2025

VOLTAGE PROFILE - May 2025

| K.S. Sl. No. | સેવન REGION | ઉત્કેદ અનુભૂતિ 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 | ઉત્પાદન (કિ.વો.) Maximum(kV) | નિર્માણ (કિ.વો.) Minimum(kV) | औસત (કિ.વો.) Average(kV) |
|--------------|--------------------------|---|---------------------------------------|-----------------------------------|---------------------------------------|--|--|------------------------------|------------------------------|--------------------------|
| 1 | પૂર્વી કોન્ટ્રોલ એર (ER) | અગ્રાનુભૂતિ ANGUL | 0% | 100% | 0% | 0% | 0 | 789 | 749 | 771 |
| 2 | | ડાલિપાલ નુભૂતિ DARLIPALI | 0% | 100% | 0% | 0% | 0 | 787 | 764 | 774 |
| 3 | | ગાયા નુભૂતિ GAYA | 0% | 100% | 0% | 0% | 0 | 787 | 741 | 766 |
| 4 | | જીરાત નુભૂતિ JEEERAT | 0% | 100% | 0% | 0% | 0 | 799 | 728 | 765 |
| 5 | | જીરાતનગર નુભૂતિ JHARSUGUDA | 0% | 100% | 0% | 0% | 0 | 796 | 756 | 782 |
| 6 | | મેદિનિપુર નુભૂતિ MEDINIPUR | 0% | 100% | 0% | 0% | 0 | 797 | 740 | 769 |
| 7 | | રાંચી નુભૂતિ RANCHI | 0% | 100% | 0% | 0% | 0 | 793 | 756 | 778 |
| 8 | | સાસારામ નુભૂતિ SASARAM | 0% | 100% | 0% | 0% | 0 | 796 | 743 | 767 |
| 1 | ઉત્તરી કોન્ટ્રોલ એર (NR) | આગારા નુભૂતિ AGRA (FATEHABAD) | 0% | 99% | 0% | 0% | 3 | 808 | 739 | 777 |
| 2 | | આગારા નુભૂતિ AGRA (FATEHABAD) | 0% | 99% | 1% | 1% | 7 | 808 | 746 | 773 |
| 3 | | અઝરમેર નુભૂતિ AJMER | 0% | 98% | 2% | 2% | 12 | 804 | 744 | 784 |
| 4 | | અલિગાર નુભૂતિ ALIGARH | 0% | 100% | 0% | 0% | 1 | 802 | 742 | 773 |
| 5 | | અનપાર ડો નુભૂતિ ANPARA-C | 0% | 100% | 0% | 0% | 0 | 784 | 756 | 768 |
| 6 | | અનપાર ડો નુભૂતિ ANPARA-D | 0% | 100% | 0% | 0% | 0 | 781 | 751 | 764 |
| 7 | | અંતા નુભૂતિ ANTA | 0% | 100% | 0% | 0% | 0 | 803 | 755 | 780 |
| 8 | | બાલિયા નુભૂતિ BALLIA | 0% | 100% | 0% | 0% | 0 | 793 | 733 | 765 |
| 9 | | બારા નુભૂતિ BARA | 0% | 100% | 0% | 0% | 0 | 800 | 753 | 771 |
| 10 | | બાંડળ નુભૂતિ BHADLA | 0% | 100% | 0% | 0% | 0 | 806 | 733 | 781 |
| 11 | | બાંડળ-2 નુભૂતિ BHADLA-2 | 0% | 100% | 0% | 0% | 0 | 798 | 710 | 778 |
| 12 | | બેલાની નુભૂતિ BIHWANI | 0% | 100% | 0% | 0% | 2 | 804 | 747 | 780 |
| 13 | | બેકાનર નુભૂતિ BIKANER | 0% | 100% | 0% | 0% | 1 | 803 | 730 | 780 |
| 14 | | બરેલી નુભૂતિ BAREILLY | 0% | 100% | 0% | 0% | 2 | 806 | 737 | 772 |
| 15 | | ચિત્તોરગढ નુભૂતિ CHITTORGARH | 0% | 99% | 1% | 1% | 10 | 806 | 757 | 785 |
| 16 | | ફટેહગઢ-2 નુભૂતિ FATEHGRH-2 | 0% | 100% | 0% | 0% | 0 | 821 | 712 | 775 |
| 17 | | ફટેહપુર નુભૂતિ FATEHPUR | 0% | 100% | 0% | 0% | 1 | 802 | 739 | 771 |
| 18 | | ઘાટાયા નુભૂતિ GHATAMPUR | 0% | 100% | 0% | 0% | 0 | 797 | 739 | 764 |
| 19 | | ગેઠદ નોંધ નુભૂતિ GREATER NOIDA | 0% | 99% | 1% | 1% | 10 | 806 | 746 | 776 |
| 20 | | હાપડ નુભૂતિ HAPUR | 0% | 100% | 0% | 0% | 3 | 804 | 742 | 771 |
| 21 | | જાવાહરપુર નુભૂતિ JAWAHARPUR | 0% | 100% | 0% | 0% | 1 | 803 | 740 | 768 |
| 22 | | જાટિકા નુભૂતિ JHATIKARA | 0% | 100% | 0% | 0% | 1 | 802 | 738 | 773 |
| 23 | | કાનપુર જાગાઇસ નુભૂતિ KANPUR GIS | 0% | 100% | 0% | 0% | 0 | 805 | 742 | 770 |
| 24 | | કેરણો નુભૂતિ KHERI | 0% | 98% | 2% | 2% | 13 | 804 | 735 | 778 |
| 25 | | કોટેશ્વર નુભૂતિ KOTESHWAR | 0% | 100% | 0% | 0% | 0 | 802 | 744 | 771 |
| 26 | | લાલિતપુર નુભૂતિ LALITPUR | 0% | 100% | 0% | 0% | 3 | 786 | 708 | 758 |
| 27 | | લખાંબ નુભૂતિ LUCKNOW | 0% | 100% | 0% | 0% | 0 | 798 | 732 | 765 |
| 28 | | મેનારો નુભૂતિ MAINPURI | 0% | 100% | 0% | 0% | 0 | 799 | 735 | 763 |
| 29 | | મેરુટ નુભૂતિ MEERUT | 0% | 99% | 1% | 1% | 6 | 807 | 746 | 776 |
| 30 | પદ્માનાબદ એર (WR) | મેરુટ(UP) MEERUT (UP) | 0% | 100% | 0% | 0% | 2 | 805 | 743 | 771 |
| 31 | | માગો નુભૂતિ MOGA | 0% | 100% | 0% | 0% | 2 | 802 | 740 | 779 |
| 32 | | ઓબ્રા ડો નુભૂતિ OBRA C | 0% | 100% | 0% | 0% | 0 | 778 | 746 | 761 |
| 33 | | ଓરાઈ નુભૂતિ ORAI | 0% | 97% | 3% | 3% | 26 | 812 | 749 | 784 |
| 34 | | ફાગી નુભૂતિ PHAGI | 0% | 100% | 0% | 0% | 2 | 802 | 739 | 781 |
| 35 | | રામપુર નુભૂતિ RAMPUR | 0% | 98% | 2% | 2% | 12 | 812 | 749 | 776 |
| 36 | | રાન્નાબ નુભૂતિ UNNAO | 0% | 100% | 0% | 0% | 0 | 789 | 731 | 761 |
| 37 | | વરાણસી નુભૂતિ VARANASI | 0% | 100% | 0% | 0% | 0 | 797 | 749 | 773 |
| 1 | પદ્માનાબદ એર (WR) | અકોલા નુભૂતિ AKOLA | 0% | 100% | 0% | 0% | 0 | 796 | 751 | 775 |
| 2 | | અરિયાનાબ નુભૂતિ AURANGABAD | 0% | 100% | 0% | 0% | 0 | 799 | 753 | 778 |
| 3 | | બાંપાલ (બેંગોડોલોપાલ) નુભૂતિ BHOPAL (BDTCL) | 0% | 100% | 0% | 0% | 0 | 793 | 749 | 771 |
| 4 | | બુજ નુભૂતિ BHUJ | 0% | 100% | 0% | 0% | 0 | 794 | 745 | 775 |
| 5 | | બુજ-2 નુભૂતિ BHUJ-II | 0% | 100% | 0% | 0% | 0 | 789 | 744 | 769 |
| 6 | | બિલાસપુર નુભૂતિ BILASPUR | 0% | 100% | 0% | 0% | 0 | 793 | 759 | 774 |
| 7 | | બિના નુભૂતિ BINA | 0% | 99% | 1% | 1% | 4 | 806 | 754 | 780 |
| 8 | | બનસકણ નુભૂતિ BANASKANTHA | 0% | 98% | 2% | 2% | 13 | 807 | 751 | 781 |
| 9 | | ચાપા નુભૂતિ CHAMPA | 0% | 96% | 4% | 4% | 29 | 809 | 761 | 786 |
| 10 | | ધેણ (બેંગોડોલોપાલ) નુભૂતિ DHULE (BDTCL) | 0% | 100% | 0% | 0% | 0 | 795 | 756 | 777 |
| 11 | | ધારમાબદ નુભૂતિ DHARAMJAIGARH | 0% | 100% | 0% | 0% | 0 | 789 | 756 | 772 |
| 12 | | રાયપુર પલેઝ નુભૂતિ RAIPUR POOLING | 0% | 100% | 0% | 0% | 0 | 798 | 762 | 780 |
| 13 | | એકટની નુભૂતિ EKTUNI | 0% | 100% | 0% | 0% | 0 | 795 | 743 | 772 |
| 14 | | ગાદરવાડા નુભૂતિ GADARWARA | 0% | 99% | 1% | 1% | 6 | 806 | 761 | 784 |
| 15 | | ગવાલોર નુભૂતિ GWALIOR | 0% | 99% | 1% | 1% | 9 | 809 | 749 | 781 |
| 16 | | ઇન્ડોર નુભૂતિ INDORE | 0% | 100% | 0% | 0% | 0 | 791 | 749 | 772 |
| 17 | | જાબાલુપર નુભૂતિ JABALPUR | 0% | 98% | 2% | 2% | 13 | 809 | 758 | 785 |
| 18 | | કંડાડ નુભૂતિ KHANDWA | 0% | 100% | 0% | 0% | 0 | 789 | 755 | 769 |
| 19 | | કોરડી નુભૂતિ KORADI | 0% | 100% | 0% | 0% | 0 | 786 | 750 | 771 |
| 20 | | લકડાણા નુભૂતિ LAKADIYA | 0% | 100% | 0% | 0% | 3 | 803 | 752 | 781 |
| 21 | | રાયપાલ નુભૂતિ RAIGARH POOLING | 0% | 100% | 0% | 0% | 0 | 796 | 767 | 780 |
| 22 | | પાંડ નુભૂતિ PADHGHE | 0% | 100% | 0% | 0% | 0 | 803 | 750 | 777 |
| 23 | | પાર્લી નુભૂતિ PARLI | 0% | 99% | 1% | 1% | 8 | 809 | 762 | 785 |
| 24 | | પણ નુભૂતિ PUNE | 0% | 99% | 1% | 1% | 6 | 804 | 756 | 782 |
| 25 | | રાજનાનગાર નુભૂતિ RAJNANDGAON | 0% | 97% | 3% | 3% | 21 | 808 | 734 | 788 |
| 26 | | સાસન નુભૂતિ SASAN | 0% | 100% | 0% | 0% | 0 | 797 | 762 | 778 |
| 27 | | સતના નુભૂતિ SATNA | 0% | 99% | 1% | 1% | 7 | 808 | 761 | 784 |
| 28 | | સીઓની નુભૂતિ SEONI | 0% | 100% | 0% | 0% | 1 | 803 | 762 | 782 |
| 29 | | સીપાત નુભૂતિ SIPAT | 0% | 100% | 0% | 0% | 0 | 790 | 760 | 775 |
| 30 | | સાલાપ નુભૂતિ SOLAPUR | 0% | 98% | 2% | 2% | 17 | 809 | 765 | 786 |
| 31 | | ટિરોડા નુભૂતિ TIRORA | 0% | 100% | 0% | 0% | 0 | 782 | 752 | 768 |
| 32 | | તામનાર નુભૂતિ TAMNAR | 0% | 100% | 0% | 0% | 0 | 795 | 768 | 779 |
| 33 | | વાડોડા નુભૂતિ VADODARA | 0% | 100% | 0% | 0% | 3 | 807 | 754 | 782 |
| 34 | | વિંધ્યાચાલ નુભૂતિ VINDHYACHAL PS | 0% | 100% | 0% | 0% | 0 | 801 | 764 | 781 |
| 35 | | વર્ધા નુભૂતિ WARDHA | 0% | 100% | 0% | 0% | 2 | 807 | 758 | 782 |
| 36 | | વરોડા નુભૂતિ WARORA | 0% | 99% | 1% | 1% | 5 | 806 | 755 | 783 |
| 1 | દાલિપાલ એર (SR) | અરિયાનુભૂતિ ARIYALUR | 0% | 99% | 1% | 1% | 10 | 805 | 761 | 785 |
| 2 | | કડુપા નુભૂતિ CUDDAPAH | 0% | 96% | 4% | 4% | 31 | 816 | 760 | 784 |
| 3 | | ચિલાકાલુરી નુભૂતિ CHILAKALURIPETA | 0% | 99% | 1% | 1% | 4 | 805 | 749 | 773 |
| 4 | | કર્નોલ નુભૂતિ KURNOOL | 0% | 100% | 0% | 0% | 0 | 798 | 757 | 779 |
| 5 | | મહેશવરમ નુભૂતિ MAHESWARAM | 0% | 98% | 2% | 2% | 14 | 804 | 761 | 785 |
| 6 | | નિલ્લોર નુભૂતિ NELLORE PS | 0% | 100% | 0% | 0% | 0 | 809 | 769 | 791 |
| 7 | | નાથ ચેન્નાય નુભૂતિ NORTH CHENNAI PS | 0% | 100% | 0% | 0% | 2 | 807 | 752 | 780 |
| 8 | | રાયચુર નુભૂતિ RAYCHUR | 0% | 100% | 0% | 0% | 2 | 802 | 757 | 783 |
| 9 | | શ્રીકાલકુમાર નુભૂતિ SRIKAKULAM | 0% | 100% | 0% | 0% | 0 | 801 | 742 | 774 |
| 10 | | ટિરુવુલામ નુભૂતિ THIRUVLALEM | 0% | 100% | 0% | 0% | 0 | 801 | 750 | 777 |
| 11 | | વેમાગ્રિ નુભૂતિ VEMAGIRI | 0% | 99% | 1% | 1% | 5 | 807 | 750 | 776 |
| 12 | | વારંગાલ નુભૂતિ WARANGAL | 0% | 100% | 0% | 0% | 2 | 805 | 754 | 778 |
| 13 | | બાલિપારા નુભૂતિ BALIPARA (400 kV) | 0% | 100% | 0% | 0% | 0 | 413 | 395 | 403 |
| 14 | | વિસ્તાનાય ચાંગાં નુભૂતિ BISWANATH CHARIALI (400 kV) | 0% | 100% | 0% | 0% | 0 | 413 | 385 | 401 |
| 15 | | બોંગાઇન નુભૂતિ BONGAIGAON (400 kV) | 0% | 100% | 0% | 0% | 0 | 414 | 399 | 407 |
| 16 | | બોંગાઇન ટોલેરન્સ નુભૂતિ BONGAIGAON TPS (400 kV) | 0% | 100% | 0% | 0% | 0 | 415 | 398 | 408 |
| 17 | | દિસ્કોર નુભૂતિ IMPHAL (400 kV) | 0% | 100% | 0% | 0% | 0 | 415 | 394 | 403 |
| 1 | પ્રદીપાલ એર (NER) | દિસ્કોર નુભૂતિ IMPHAL (400 kV) | 0% | 100% | 0% | 0% | 0 | 417 | 399 | 407 |
| 2 | | કામેંગ નુભૂતિ KAMENG (400 kV) | 0% | 100% | 0% | 0% | 0 | 416 | 390 | 402 |
| 3 | | જાઝારા નુભૂતિ AZARA (400 kV) | 0% | 100% | 0% | 0% | 0 | 413 | 401 | 406 |
| 4 | | મિસ | | | | | | | | |

All listed stations are 765 kV stations unless otherwise mentioned

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

ALL TIME HIGHEST

31-05-2025

| | 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 18-12-2014 | 315 31-05-2025 | 160.2 24-04-2025 |
| SR | 69942 21-03-2025 | 55925 28-03-2025 | 1458 28-03-2025 | 208 31-08-2018 | 323 26-07-2024 | 155.5 06-03-2025 |
| ER | 32531 10-06-2024 | 31898 14-05-2025 | 692 10-06-2024 | 157 14-09-2022 | - | 4.76 02-05-2025 |
| NER | 3905 19-09-2024 | 3787 19-09-2024 | 80 20-09-2024 | 43 27-06-2024 | - | 2.4 22-06-2022 |
| All India | 250070 30-05-2024 | 227354 29-05-2024 | 5466 30-05-2024 | 877 30-08-2022 | 640 31-05-2025 | 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(U) and Ladakh(UT) | 3200 | 07-01-2025 | 70.3 | 04-02-2025 | |
| | Chandigarh | 443 | 13-06-2024 | 9.1 | 18-06-2024 | |
| WR | Railways NR ISTS | - | - | - | - | |
| | 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 | 864 | 14-05-2025 | 18.4 | 06-05-2025 | |
| | DD & DNH | 1390 | 23-10-2024 | 32.6 | 16-10-2024 | |
| | AMNSIL | 1083 | 10-01-2024 | 21.0 | 31-05-2022 | |
| SR | Balco | - | - | - | - | |
| | 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 | |
| ER | Pondy | 545 | 03-05-2025 | 11.8 | 31-05-2024 | |
| | 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 | 12781 | 10-05-2025 | 264.0 | 30-04-2024 | |
| | Sikkim | 137 | 11-01-2024 | 2.5 | 28-01-2020 | |
| NER | Railways ER ISTS | - | - | - | - | |
| | 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 | 4.2 | 10-01-2025 | |
| | Meghalaya | 415 | 09-02-2022 | 7.8 | 31-01-2022 | |
| | Mizoram | 167 | 29-01-2025 | 2.6 | 02-03-2024 | |
| | Nagaland | 188 | 22-07-2024 | 3.4 | 29-07-2024 | |
| *SR | Andhra Pradesh (Undivided) | 13162 | 23-03-2014 | 284.8 | 22-03-2014 | |

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

Percentage (%) of times ATC was violated

| S.No. | Corridor | Number of Blocks Violated | Number of Hours Violated | %Violation |
|-------|--------------|---------------------------|--------------------------|------------|
| 1 | WR-NR | 5 | 1.25 | 0.17 |
| 2 | ER-NR | 13 | 3.25 | 0.45 |
| 3 | Import of NR | 37 | 9.25 | 1.28 |
| 4 | NEW-SR | 1 | 0.25 | 0.03 |
| 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 | 1 | 0.25 | 0.03 |
| 2 | ER-NR | 7 | 1.75 | 0.24 |
| 3 | Import of NR | 7 | 1.75 | 0.24 |
| 4 | NEW-SR | 2 | 0.50 | 0.07 |
| 4 | NER Import | 2 | 0.50 | 0.07 |

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