



ग्रिड-इंडिया
GRID-INDIA

National Load Despatch Centre

राष्ट्रीय भार प्रेषण केंद्र

GRID CONTROLLER OF INDIA LIMITED

ग्रिड कंट्रोलर ऑफ इंडिया लिमिटेड

(Government of India Enterprise/ भारत सरकार का उद्यम)

B-9, QUTUB INSTITUTIONAL AREA, KATWARIA SARAI, NEW DELHI -110016

बी-9, कुतुब इन्स्टीट्यूशनल एरिया, कटवारिया सराये, न्यू दिल्ली-110016

Ref: POSOCO/NLDC/SO/Weekly Report

Date: 29th Dec 2023

To,

- कार्यपालक निदेशक, पू. क्षे. भा. प्रे. के., 14, गोल्फ क्लब रोड, कोलकाता - 700033
Executive Director, ERLDC, 14 Golf Club Road, Tolleygunge, Kolkata, 700033
- कार्यपालक निदेशक, ऊ. क्षे. भा. प्रे. के., 18/ ए, शहीद जीत सिंह सनसनवाल मार्ग, नई दिल्ली - 110016
Executive Director, NRLDC, 18-A, Shaheed Jeet Singh Marg, Katwaria Sarai, New Delhi - 110016
- कार्यपालक निदेशक, प. क्षे. भा. प्रे. के., एफ-3, एम आई डी सी क्षेत्र, अंधेरी, मुंबई - 400093
Executive Director, WRLDC, F-3, M.I.D.C. Area, Marol, Andheri (East), Mumbai-400093
- कार्यपालक निदेशक, ऊ. पू. क्षे. भा. प्रे. के., डोंगतेह, लोअर नोंग्रह, लापलंग, शिलोंग - 793006
Executive Director, NERLDC, Dongteih, Lower Nongrah, Lapalang, Shillong - 793006, Meghalaya
- कार्यपालक निदेशक, द. क्षे. भा. प्रे. के., 29, रेस कोर्स क्रॉस रोड, बंगलुरु - 560009
Executive Director, SRLDC, 29, Race Course Cross Road, Bangalore-560009

Sub: Weekly Status Report 18th Dec-2023 to 24th Dec-2023.

महोदय/Dear Sir,

आईईजीसी-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, 18 दिसंबर-2023 से 24 दिसंबर-2023, सप्ताह की अखिल भारतीय प्रणाली की ग्रिड निष्पादन रिपोर्ट राभाप्रेके की वेबसाइट पर निम्न लिंक पर उपलब्ध है :-

As per article 5.5.1 of the Indian Electricity Grid Code, the weekly status report pertaining power supply position report of All India Power System for the week 18th Dec-2023 to 24th Dec-2023 is available at the NLDC website.

Thanking You.

Yours faithfully,

General Manager (System Operation)

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

साप्ताहिक रिपोर्ट (18 दिसंबर 2023 से 24 दिसंबर 2023 तक)

रिपोर्टिंग तिथि:-

29-Dec-23

(आई० ई० जी० सी० की धारा संख्या-5.5.1 के अंतर्गत)

1. सायंकाल मांग आपूर्ति और कमी (मे०वा०) (२०:०० बजे)

| दिनांक | उत्तरी क्षेत्र | | पश्चिमी क्षेत्र | | दक्षिणी क्षेत्र | | पूर्वी क्षेत्र | | पूर्वोत्तर क्षेत्र | | कुल | |
|------------|--------------------------|-----------------|--------------------------|-----------------|--------------------------|-----------------|--------------------------|-----------------|--------------------------|-----------------|--------------------------|-----------------|
| | मांग आपूर्ति (मे०वा०) | कमी (मे०वा०) | मांग आपूर्ति (मे०वा०) | कमी (मे०वा०) | मांग आपूर्ति (मे०वा०) | कमी (मे०वा०) | मांग आपूर्ति (मे०वा०) | कमी (मे०वा०) | मांग आपूर्ति (मे०वा०) | कमी (मे०वा०) | मांग आपूर्ति (मे०वा०) | कमी (मे०वा०) |
| 18-12-2023 | 54159 | | 57593 | | 42478 | | 19479 | 288 | 2612 | | 176321 | 288 |
| 19-12-2023 | 54713 | | 59225 | | 43882 | | 20223 | 266 | 2626 | 16 | 180669 | 282 |
| 20-12-2023 | 55268 | 14 | 58649 | | 44029 | | 20337 | 379 | 2644 | | 180927 | 393 |
| 21-12-2023 | 55652 | 243 | 59813 | | 44231 | | 19656 | 795 | 2645 | 10 | 181997 | 1048 |
| 22-12-2023 | 55349 | | 60055 | | 44205 | | 19224 | 796 | 2622 | | 181455 | 796 |
| 23-12-2023 | 54748 | | 59494 | | 43285 | | 19307 | 693 | 2576 | | 179410 | 693 |
| 24-12-2023 | 51079 | | 56111 | | 39444 | | 18751 | 570 | 2426 | 9 | 167811 | 579 |

2. ऊर्जा आपूर्ति और पनबिजली उत्पादन (मि०यू०)

| क्षेत्र / तिथि | उत्तरी क्षेत्र | | पश्चिमी क्षेत्र | | दक्षिणी क्षेत्र | | पूर्वी क्षेत्र | | पूर्वोत्तर क्षेत्र | | कुल | |
|----------------|---------------------------|-----------------------------|---------------------------|-----------------------------|---------------------------|-----------------------------|---------------------------|-----------------------------|---------------------------|-----------------------------|---------------------------|-----------------------------|
| | ऊर्जा आपूर्ति (मि०यू०) | पनबिजली उत्पादन (मि०यू०) | ऊर्जा आपूर्ति (मि०यू०) | पनबिजली उत्पादन (मि०यू०) | ऊर्जा आपूर्ति (मि०यू०) | पनबिजली उत्पादन (मि०यू०) | ऊर्जा आपूर्ति (मि०यू०) | पनबिजली उत्पादन (मि०यू०) | ऊर्जा आपूर्ति (मि०यू०) | पनबिजली उत्पादन (मि०यू०) | ऊर्जा आपूर्ति (मि०यू०) | पनबिजली उत्पादन (मि०यू०) |
| | 18-12-2023 | 1159 | 116 | 1394 | 31 | 1020 | 42 | 400 | 15 | 47 | 11 | 4020 |
| 19-12-2023 | 1178 | 116 | 1412 | 27 | 1050 | 41 | 421 | 17 | 47 | 11 | 4108 | 212 |
| 20-12-2023 | 1185 | 115 | 1411 | 29 | 1073 | 52 | 422 | 17 | 48 | 11 | 4139 | 224 |
| 21-12-2023 | 1182 | 114 | 1431 | 39 | 1075 | 59 | 418 | 21 | 46 | 11 | 4151 | 243 |
| 22-12-2023 | 1185 | 113 | 1454 | 45 | 1087 | 62 | 414 | 19 | 47 | 11 | 4187 | 250 |
| 23-12-2023 | 1162 | 111 | 1441 | 39 | 1079 | 50 | 415 | 20 | 48 | 11 | 4145 | 231 |
| 24-12-2023 | 1127 | 110 | 1409 | 31 | 1018 | 40 | 418 | 17 | 46 | 10 | 4017 | 209 |

3. आवृत्ति (प्रतिशत समय में)

| तिथि | 49.8-49.9 | <49.9 | 49.9-50.05 | >50.05 | Average | FVI |
|------------|-------------|-------------|-------------|-------------|-------------|-------------|
| | ऑ० इ० ग्रिड | ऑ० इ० ग्रिड | ऑ० इ० ग्रिड | ऑ० इ० ग्रिड | ऑ० इ० ग्रिड | ऑ० इ० ग्रिड |
| 18-12-2023 | 8.18 | 10.39 | 69.25 | 20.36 | 49.99 | 0.058 |
| 19-12-2023 | 6.90 | 7.74 | 68.69 | 23.56 | 50.00 | 0.054 |
| 20-12-2023 | 7.16 | 8.04 | 73.29 | 18.67 | 50.00 | 0.047 |
| 21-12-2023 | 8.39 | 12.80 | 75.07 | 12.13 | 49.98 | 0.068 |
| 22-12-2023 | 12.01 | 15.51 | 74.73 | 9.76 | 49.97 | 0.064 |
| 23-12-2023 | 5.23 | 5.34 | 80.41 | 14.26 | 50.00 | 0.035 |
| 24-12-2023 | 6.41 | 8.26 | 74.62 | 17.12 | 49.99 | 0.057 |

*NEW & SR grid running in synchronisation.

4. NEW ELEMENTS COMMISSIONED

5. Maximum Demand Met during the day & Peak Hour Shortage in States (in MW)

| Region | Date | 18-12-2023 | | 19-12-2023 | | 20-12-2023 | | 21-12-2023 | | 22-12-2023 | | 23-12-2023 | | 24-12-2023 | |
|------------------|-------------------|--------------------------------|------------------|--------------------------------|------------------|--------------------------------|------------------|--------------------------------|------------------|--------------------------------|------------------|--------------------------------|------------------|--------------------------------|------------------|
| | States | Max. Demand Met during the day | Peak hr Shortage | Max. Demand Met during the day | Peak hr Shortage | Max. Demand Met during the day | Peak hr Shortage | Max. Demand Met during the day | Peak hr Shortage | Max. Demand Met during the day | Peak hr Shortage | Max. Demand Met during the day | Peak hr Shortage | Max. Demand Met during the day | Peak hr Shortage |
| NR | Punjab | 7765 | 0 | 7894 | 0 | 7774 | 0 | 7658 | 0 | 7299 | 0 | 7277 | 0 | 7434 | 0 |
| | Haryana | 7781 | 0 | 8023 | 0 | 8080 | 0 | 7926 | 0 | 8088 | 0 | 7897 | 0 | 7089 | 0 |
| | Rajasthan | 16952 | 0 | 17130 | 0 | 17327 | 0 | 17169 | 0 | 17257 | 0 | 17167 | 0 | 16833 | 0 |
| | Delhi | 4096 | 0 | 4154 | 0 | 4338 | 0 | 4287 | 0 | 4570 | 0 | 4253 | 0 | 4253 | 0 |
| | UP | 18848 | 0 | 19081 | 0 | 18391 | 57 | 18308 | 0 | 18193 | 0 | 17932 | 0 | 18073 | 0 |
| | Uttarakhand | 2324 | 0 | 2417 | 0 | 2378 | 0 | 2390 | 0 | 2306 | 0 | 2392 | 0 | 2222 | 0 |
| | HP | 2097 | 0 | 2117 | 0 | 2103 | 0 | 2109 | 0 | 2107 | 22 | 2091 | 0 | 1989 | 22 |
| | J&K | 2903 | 0 | 2870 | 0 | 2860 | 0 | 2889 | 0 | 2907 | 0 | 2865 | 0 | 2858 | 0 |
| | Chandigarh | 245 | 0 | 247 | 0 | 257 | 0 | 254 | 0 | 258 | 0 | 240 | 0 | 210 | 0 |
| Railways_NR ISTS | 169 | 0 | 173 | 0 | 175 | 0 | 168 | 0 | 180 | 0 | 179 | 0 | 171 | 0 | |
| WR | Chhattisgarh | 4183 | 0 | 4386 | 0 | 4507 | 0 | 4582 | 0 | 4668 | 0 | 4666 | 0 | 4497 | 0 |
| | Gujarat | 20519 | 0 | 20170 | 0 | 20174 | 0 | 20588 | 0 | 21382 | 0 | 20879 | 0 | 20385 | 0 |
| | MP | 16944 | 0 | 17249 | 0 | 17134 | 0 | 17431 | 0 | 17714 | 0 | 17420 | 0 | 17471 | 0 |
| | Maharashtra | 26372 | 0 | 26550 | 0 | 26716 | 0 | 26503 | 0 | 27068 | 0 | 26616 | 0 | 26120 | 0 |
| | Goa | 647 | 0 | 617 | 0 | 681 | 0 | 685 | 0 | 692 | 0 | 684 | 0 | 634 | 0 |
| | DNHDDPDCL | 1248 | 0 | 1184 | 0 | 1268 | 0 | 1256 | 0 | 1270 | 0 | 1270 | 0 | 1191 | 0 |
| | AMNSIL | 894 | 0 | 837 | 0 | 789 | 0 | 884 | 0 | 901 | 0 | 854 | 0 | 855 | 0 |
| | BALCO | 519 | 0 | 522 | 0 | 523 | 0 | 524 | 0 | 519 | 0 | 518 | 0 | 519 | 0 |
| | Andhra Pradesh | 9524 | 0 | 9912 | 0 | 10220 | 0 | 10242 | 0 | 10267 | 0 | 10281 | 0 | 10445 | 0 |
| SR | Telangana | 11742 | 0 | 11960 | 0 | 12126 | 0 | 12143 | 0 | 12093 | 0 | 12047 | 0 | 11880 | 0 |
| | Karnataka | 13954 | 0 | 14180 | 0 | 14357 | 0 | 14707 | 0 | 15005 | 0 | 14454 | 0 | 13367 | 0 |
| | Kerala | 4009 | 0 | 4169 | 0 | 4240 | 0 | 4185 | 0 | 4234 | 0 | 4032 | 0 | 3692 | 0 |
| | Tamil Nadu | 14243 | 0 | 14925 | 0 | 14911 | 0 | 15057 | 0 | 15186 | 0 | 15102 | 0 | 13578 | 0 |
| | Pondy | 388 | 0 | 397 | 0 | 373 | 0 | 400 | 0 | 395 | 0 | 396 | 0 | 350 | 0 |
| | Bihar | 4611 | 0 | 4608 | 0 | 4667 | 0 | 4518 | 0 | 4438 | 0 | 4386 | 309 | 4492 | 294 |
| ER | DVC | 3184 | 0 | 3413 | 0 | 3427 | 0 | 3397 | 0 | 3421 | 0 | 3493 | 0 | 3315 | 0 |
| | Jharkhand | 1747 | 0 | 1714 | 0 | 1781 | 161 | 1662 | 96 | 1714 | 259 | 1735 | 396 | 1777 | 0 |
| | Odisha | 4144 | 0 | 5038 | 0 | 4924 | 0 | 4949 | 0 | 4417 | 0 | 4479 | 0 | 4058 | 0 |
| | West Bengal | 6544 | 0 | 6678 | 0 | 6729 | 0 | 6844 | 0 | 6837 | 0 | 6672 | 0 | 5946 | 0 |
| | Sikkim | 108 | 0 | 105 | 0 | 107 | 0 | 109 | 0 | 110 | 0 | 106 | 0 | 96 | 0 |
| | Railways_ER ISTS* | 17 | 0 | 17 | 0 | 18 | 0 | 14 | 0 | 17 | 0 | 23 | 0 | 18 | 0 |
| NER | Arunachal Pradesh | 171 | 0 | 165 | 0 | 169 | 0 | 167 | 0 | 170 | 0 | 165 | 0 | 163 | 0 |
| | Assam | 1517 | 0 | 1536 | 0 | 1572 | 0 | 1573 | 0 | 1506 | 0 | 1499 | 0 | 1358 | 0 |
| | Manipur | 227 | 0 | 216 | 34 | 221 | 15 | 231 | 15 | 235 | 14 | 220 | 9 | 204 | 8 |
| | Meghalaya | 335 | 0 | 347 | 16 | 358 | 0 | 336 | 0 | 342 | 0 | 355 | 0 | 345 | 9 |
| | Mizoram | 140 | 0 | 140 | 0 | 139 | 0 | 137 | 0 | 138 | 0 | 127 | 0 | 126 | 0 |
| | Nagaland | 157 | 0 | 159 | 0 | 168 | 0 | 154 | 0 | 155 | 0 | 154 | 0 | 142 | 0 |
| | Tripura | 224 | 0 | 235 | 0 | 234 | 0 | 229 | 0 | 239 | 0 | 225 | 0 | 220 | 0 |

*Railways_ER ISTS added an entity w.e.f 30.04.2023

6. Energy Consumption in States (MUs)

| Region | States | 18-12-2023 | 19-12-2023 | 20-12-2023 | 21-12-2023 | 22-12-2023 | 23-12-2023 | 24-12-2023 |
|------------------------|-------------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| NR | Punjab | 147.2 | 148.3 | 147.9 | 147.2 | 145.3 | 143.4 | 139.8 |
| | Haryana | 146.2 | 152.0 | 152.8 | 151.5 | 152.3 | 150.3 | 133.4 |
| | Rajasthan | 314.9 | 319.0 | 319.7 | 317.9 | 320.6 | 319.6 | 314.0 |
| | Delhi | 71.2 | 73.1 | 74.6 | 74.1 | 75.9 | 71.7 | 68.9 |
| | UP | 331.9 | 337.2 | 339.9 | 341.3 | 342.0 | 328.2 | 327.6 |
| | Uttarakhand | 42.7 | 44.0 | 44.4 | 44.0 | 44.2 | 43.6 | 40.1 |
| | HP | 37.2 | 37.5 | 37.7 | 37.8 | 37.1 | 38.3 | 35.0 |
| | J&K | 60.5 | 59.5 | 60.6 | 60.3 | 60.1 | 59.4 | 60.8 |
| | Chandigarh | 4.0 | 4.1 | 4.3 | 4.1 | 4.2 | 3.9 | 3.7 |
| Railways_NR ISTS | 3.5 | 3.5 | 3.4 | 3.5 | 3.4 | 3.5 | 3.5 | |
| WR | Chhattisgarh | 87.8 | 93.4 | 90.8 | 92.3 | 93.6 | 93.8 | 93.2 |
| | Gujarat | 390.3 | 390.6 | 384.1 | 387.2 | 399.8 | 397.3 | 391.6 |
| | MP | 315.3 | 320.6 | 322.6 | 327.2 | 328.5 | 326.5 | 324.3 |
| | Maharashtra | 529.1 | 537.3 | 541.9 | 550.3 | 556.4 | 549.3 | 528.0 |
| | Goa | 10.7 | 12.5 | 13.6 | 14.2 | 13.7 | 13.8 | 12.5 |
| | DNHDDPDCL | 28.3 | 26.8 | 28.5 | 29.0 | 29.1 | 28.5 | 27.6 |
| | AMNSIL | 20.2 | 18.3 | 17.1 | 18.6 | 20.5 | 19.2 | 19.1 |
| | BALCO | 12.4 | 12.4 | 12.4 | 12.4 | 12.4 | 12.4 | 12.4 |
| SR | Andhra Pradesh | 188.6 | 193.3 | 195.4 | 195.6 | 194.3 | 195.6 | 193.8 |
| | Telangana | 213.2 | 219.3 | 221.7 | 222.4 | 219.5 | 220.8 | 221.5 |
| | Karnataka | 251.7 | 256.6 | 260.6 | 263.3 | 271.0 | 261.6 | 241.6 |
| | Kerala | 77.8 | 80.2 | 83.7 | 83.9 | 84.7 | 82.8 | 74.3 |
| | Tamil Nadu | 280.1 | 292.1 | 303.4 | 301.2 | 308.8 | 310.0 | 279.2 |
| | Pondy | 8.3 | 8.6 | 8.4 | 8.4 | 8.8 | 8.5 | 8.1 |
| ER | Bihar | 84.0 | 85.5 | 85.6 | 85.7 | 86.3 | 85.4 | 86.4 |
| | DVC | 69.6 | 69.8 | 72.5 | 72.8 | 72.8 | 73.2 | 71.8 |
| | Jharkhand | 31.2 | 30.7 | 31.2 | 30.8 | 30.4 | 30.9 | 30.3 |
| | Odisha | 88.2 | 99.5 | 95.7 | 92.0 | 87.8 | 89.6 | 102.4 |
| | West Bengal | 125.5 | 133.2 | 135.0 | 134.3 | 134.9 | 133.9 | 124.9 |
| | Sikkim | 1.7 | 1.8 | 1.9 | 1.9 | 1.9 | 1.9 | 1.6 |
| | Railways_ER ISTS* | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 |
| NER | Arunachal Pradesh | 2.9 | 3.0 | 2.9 | 3.1 | 2.9 | 3.0 | 2.7 |
| | Assam | 25.7 | 25.7 | 26.7 | 24.8 | 26.6 | 26.6 | 25.3 |
| | Manipur | 3.2 | 3.2 | 3.2 | 3.2 | 3.0 | 3.2 | 3.1 |
| | Meghalaya | 6.5 | 6.5 | 6.6 | 6.5 | 6.3 | 6.4 | 6.6 |
| | Mizoram | 2.3 | 2.3 | 2.0 | 2.1 | 2.0 | 2.1 | 2.0 |
| | Nagaland | 2.6 | 2.6 | 2.4 | 2.5 | 2.4 | 2.4 | 2.5 |
| | Tripura | 3.7 | 3.9 | 3.9 | 3.9 | 3.9 | 3.9 | 3.8 |
| ALL INDIA TOTAL | | 4020.2 | 4107.9 | 4139.2 | 4151.4 | 4187.3 | 4144.5 | 4017.4 |

*Railways_ER ISTS added as an entity w.e.f 30.04.2023

**भूटान , नेपाल एवं बांग्लादेश के साथ अंतरराष्ट्रीय विद्युत विनिमय INTERNATIONAL
EXCHANGE WITH BHUTAN, NEPAL AND BANGLADESH**

साप्ताहिक रिपोर्ट (18 दिसंबर 2023 से 24 दिसंबर 2023 तक)

| दिनांक Date | भूटान BHUTAN | | नेपाल NEPAL | | | बांग्लादेश BANGLADESH | | |
|-------------|-------------------------|------------------|-------------------------|---------------|------------------|-------------------------|---------------|------------------|
| | Energy Exchange (In MU) | Day Average (MW) | Energy Exchange (In MU) | Day Peak (MW) | Day Average (MW) | Energy Exchange (In MU) | Day Peak (MW) | Day Average (MW) |
| 18-12-2023 | -6.6 | -275 | -4.6 | -288 | -190 | -20.5 | -1036 | -854 |
| 19-12-2023 | -6.6 | -274 | -4.9 | 320 | -203 | -20.2 | -1038 | -843 |
| 20-12-2023 | -7.8 | -323 | -5.1 | -405 | -212 | -19.5 | -1008 | -813 |
| 21-12-2023 | -7.8 | -326 | -4.5 | 263 | -186 | -19.3 | -964 | -803 |
| 22-12-2023 | -7.5 | -311 | -5.4 | -332 | -225 | -16.6 | -948 | -692 |
| 23-12-2023 | -8.3 | -348 | -3.8 | -207 | -160 | -19.3 | -1051 | -803 |
| 24-12-2023 | -8.9 | -370 | -4.1 | -264 | -170 | -21.7 | -1040 | -904 |
| कुल Total | -53.4 | | -32.3 | | | -137.1 | | |

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

साप्ताहिक रिपोर्ट (18 दिसंबर 2023 से 24 दिसंबर 2023 तक)

(आई० ई० जी० सी० की धारा संख्या-5.5.1 के अंतर्गत)

| 7. अंतर्क्षेत्रीय विनिमय [प्रथम क्षेत्र से द्वितीय क्षेत्र को आयात (+) / निर्यात (-)] | | | | | | | |
|---|------------|------------|------------|------------|------------|------------|------------|
| दिनांक | 18-12-2023 | 19-12-2023 | 20-12-2023 | 21-12-2023 | 22-12-2023 | 23-12-2023 | 24-12-2023 |
| East to North | -65.2 | -66.0 | -75.8 | -78.5 | -84.2 | -72.2 | -67.2 |
| East to West | -15.6 | -22.0 | -24.3 | -22.2 | -13.1 | 1.8 | 0.0 |
| East to South | -94.1 | -88.2 | -88.4 | -85.0 | -92.2 | -92.4 | -86.3 |
| East to North-East | 13.7 | 14.2 | 14.6 | 14.6 | 15.4 | 15.1 | 15.3 |
| North-East to North | 16.3 | 16.2 | 16.2 | 15.7 | 15.7 | 15.7 | 15.7 |
| West to North | -140.0 | -156.7 | -159.1 | -148.4 | -150.9 | -138.4 | -136.1 |
| West to South | -57.8 | -102.0 | -95.0 | -45.1 | -87.4 | -60.7 | -47.5 |