



National Load Despatch Centre
POWER SYSTEM OPERATION CORPORATION LIMITED
(A Government of India Enterprise)
CIN No.: U40105DL2009GOI188682

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

Ref: POSOCO/NLDC/SO/Weekly Report

Date: 25th Sep 2020

To,

- कार्यपालक निदेशक, पू. क्षे. भा. प्रे. के., 14, गोल्फ क्लब रोड, कोलकाता - 700033
Executive Director, ERLDC, 14 Golf Club Road, Tollygunge, 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 14th Sep-2020 to 20th Sep-2020.

महोदय/Dear Sir,

आईईजीसी-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, 14 सितंबर-2020 से 20 सितंबर-2020, सप्ताह की अखिल भारतीय प्रणाली की ग्रिड निष्पादन रिपोर्ट रांभांप्रेके 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 14th Sep-2020 to 20th Sep-2020. is available at the NLDC website.

Thanking You.

Yours faithfully,

Sr.DGM (SO)

पॉवर सिस्टम ऑपरेशन कारपोरेशन लिमिटेड
राष्ट्रीय भार प्रेषण केंद्र, नई दिल्ली

साप्ताहिक रिपोर्ट (14 सितंबर 2020 से 20 सितंबर 2020 तक)

रिपोर्टिंग तिथि:- 25-Sep-20

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

1. अधिकतम मांग आपूर्ति और अधिकतम कमी (मे०वा०)

| दिनांक | उत्तरी क्षेत्र | | पश्चिमी क्षेत्र | | दक्षिणी क्षेत्र | | पूर्वी क्षेत्र | | पूर्वोत्तर क्षेत्र | | कुल | |
|------------|------------------------------|---------------------|------------------------------|---------------------|------------------------------|---------------------|------------------------------|---------------------|------------------------------|---------------------|------------------------------|---------------------|
| | अधिकतम मांग आपूर्ति (मे०वा०) | अधिकतम कमी (मे०वा०) | अधिकतम मांग आपूर्ति (मे०वा०) | अधिकतम कमी (मे०वा०) | अधिकतम मांग आपूर्ति (मे०वा०) | अधिकतम कमी (मे०वा०) | अधिकतम मांग आपूर्ति (मे०वा०) | अधिकतम कमी (मे०वा०) | अधिकतम मांग आपूर्ति (मे०वा०) | अधिकतम कमी (मे०वा०) | अधिकतम मांग आपूर्ति (मे०वा०) | अधिकतम कमी (मे०वा०) |
| 14-09-2020 | 65292 | 440 | 46250 | | 34711 | | 22962 | | 2645 | 15 | 171860 | 455 |
| 15-09-2020 | 65546 | 50 | 47353 | | 35374 | | 21650 | | 2748 | 148 | 172671 | 198 |
| 16-09-2020 | 66464 | 305 | 46610 | | 36045 | | 22236 | | 2769 | 157 | 174124 | 462 |
| 17-09-2020 | 65951 | 170 | 46542 | | 35654 | | 20993 | | 2514 | 5 | 171654 | 175 |
| 18-09-2020 | 67119 | 415 | 46646 | | 36392 | | 22277 | | 2898 | 22 | 175332 | 437 |
| 19-09-2020 | 65320 | 1124 | 46131 | | 34675 | | 23112 | | 3013 | 160 | 172251 | 1284 |
| 20-09-2020 | 64583 | | 44176 | | 30834 | | 22866 | | 2838 | 184 | 165297 | 184 |

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) |
| 14-09-2020 | 1465 | 331 | 1070 | 96 | 754 | 122 | 485 | 137 | 49 | 22 | 3824 | 708 |
| 15-09-2020 | 1469 | 330 | 1088 | 74 | 781 | 120 | 478 | 136 | 49 | 21 | 3865 | 680 |
| 16-09-2020 | 1486 | 323 | 1092 | 86 | 801 | 119 | 473 | 134 | 50 | 21 | 3902 | 684 |
| 17-09-2020 | 1479 | 322 | 1075 | 94 | 809 | 119 | 462 | 140 | 47 | 25 | 3871 | 698 |
| 18-09-2020 | 1506 | 323 | 1076 | 100 | 833 | 122 | 452 | 140 | 51 | 24 | 3918 | 709 |
| 19-09-2020 | 1498 | 325 | 1078 | 104 | 796 | 136 | 489 | 134 | 57 | 25 | 3917 | 724 |
| 20-09-2020 | 1460 | 311 | 1025 | 101 | 718 | 120 | 485 | 132 | 56 | 24 | 3743 | 688 |

3. आवृत्ति (प्रतिशत समय में)

| तिथि | 49.8-49.9 | <49.9 | 49.9-50.05 | >50.05 | Average | FVI |
|------------|-------------|-------------|-------------|-------------|-------------|-------------|
| | ऑ० ई० ग्रिड | ऑ० ई० ग्रिड | ऑ० ई० ग्रिड | ऑ० ई० ग्रिड | ऑ० ई० ग्रिड | ऑ० ई० ग्रिड |
| 14-09-2020 | 4.61 | 4.61 | 82.41 | 12.99 | 50.00 | 0.025 |
| 15-09-2020 | 3.04 | 3.04 | 86.57 | 10.38 | 50.00 | 0.020 |
| 16-09-2020 | 2.23 | 2.23 | 87.28 | 10.49 | 50.00 | 0.018 |
| 17-09-2020 | 0.65 | 0.65 | 82.63 | 16.72 | 50.01 | 0.018 |
| 18-09-2020 | 2.09 | 2.22 | 83.83 | 13.95 | 50.01 | 0.022 |
| 19-09-2020 | 11.46 | 14.16 | 80.60 | 5.24 | 49.96 | 0.059 |
| 20-09-2020 | 3.54 | 3.54 | 86.18 | 10.28 | 50.00 | 0.019 |

*NEW & SR grid running in synchronisation.

4. NEW ELEMENTS COMMISSIONED

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| |
|--|

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

| Region | Date | 14-09-2020 | | 15-09-2020 | | 16-09-2020 | | 17-09-2020 | | 18-09-2020 | | 19-09-2020 | | 20-09-2020 | |
|------------|-------------------|--------------------------------|------------------|--------------------------------|------------------|--------------------------------|------------------|--------------------------------|------------------|--------------------------------|------------------|--------------------------------|------------------|--------------------------------|------------------|
| | 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 | 11723 | 0 | 11853 | 0 | 11757 | 0 | 11886 | 0 | 11865 | 0 | 12400 | 0 | 12252 | 0 |
| | Haryana | 9797 | 0 | 9780 | 0 | 9797 | 0 | 9780 | 0 | 9914 | 0 | 9739 | 160 | 9679 | 0 |
| | Rajasthan | 11903 | 0 | 12100 | 0 | 12434 | 0 | 11693 | 0 | 12581 | 0 | 12555 | 0 | 11746 | 0 |
| | Delhi | 5762 | 0 | 5922 | 0 | 6030 | 0 | 6040 | 0 | 6218 | 0 | 6073 | 0 | 5940 | 0 |
| | UP | 23433 | 0 | 23271 | 135 | 23867 | 0 | 23566 | 50 | 23747 | 170 | 23498 | 238 | 23644 | 170 |
| | Uttarakhand | 1954 | 0 | 1993 | 0 | 1965 | 0 | 1883 | 0 | 2038 | 0 | 1984 | 0 | 1778 | 0 |
| | HP | 1430 | 0 | 1492 | 0 | 1509 | 43 | 1426 | 0 | 1537 | 3 | 1455 | 0 | 1305 | 0 |
| | J&K | 2292 | 0 | 2382 | 0 | 2202 | 0 | 2469 | 0 | 2415 | 0 | 2459 | 0 | 2477 | 0 |
| Chandigarh | 304 | 0 | 312 | 0 | 310 | 0 | 317 | 0 | 315 | 0 | 289 | 0 | 273 | 0 | |
| WR | Chhattisgarh | 4204 | 0 | 4292 | 0 | 4335 | 0 | 4265 | 0 | 4170 | 0 | 4056 | 0 | 4156 | 0 |
| | Gujarat | 14033 | 0 | 13789 | 0 | 13792 | 0 | 13540 | 0 | 14245 | 0 | 14788 | 0 | 13369 | 0 |
| | MP | 9677 | 0 | 9903 | 0 | 9836 | 0 | 9744 | 0 | 9999 | 0 | 9926 | 0 | 9629 | 0 |
| | Maharashtra | 18125 | 0 | 18499 | 0 | 18729 | 0 | 18274 | 0 | 17627 | 0 | 17642 | 0 | 16665 | 0 |
| | Goa | 447 | 0 | 447 | 0 | 443 | 0 | 404 | 0 | 435 | 0 | 427 | 0 | 407 | 0 |
| | DD | 313 | 0 | 323 | 0 | 329 | 0 | 301 | 0 | 325 | 0 | 320 | 0 | 290 | 0 |
| | DNH | 766 | 0 | 759 | 0 | 769 | 0 | 737 | 0 | 737 | 0 | 761 | 0 | 733 | 0 |
| | Essar steel | 810 | 0 | 812 | 0 | 768 | 0 | 768 | 0 | 788 | 0 | 840 | 0 | 850 | 0 |
| SR | Andhra Pradesh | 6927 | 0 | 7247 | 0 | 7228 | 0 | 7170 | 0 | 7391 | 0 | 6608 | 0 | 6574 | 0 |
| | Telangana | 6830 | 0 | 6685 | 0 | 6671 | 0 | 7024 | 0 | 7588 | 0 | 7002 | 0 | 6658 | 0 |
| | Karnataka | 7259 | 0 | 7458 | 0 | 7614 | 0 | 7549 | 0 | 8041 | 0 | 7878 | 0 | 6791 | 0 |
| | Kerala | 3107 | 0 | 3197 | 0 | 3163 | 0 | 3120 | 0 | 3159 | 0 | 2952 | 0 | 2789 | 0 |
| | Tamil Nadu | 12384 | 0 | 12605 | 0 | 13119 | 0 | 13002 | 0 | 13833 | 0 | 12779 | 0 | 11335 | 0 |
| | Pondy | 373 | 0 | 359 | 0 | 356 | 0 | 365 | 0 | 365 | 0 | 370 | 0 | 324 | 0 |
| ER | Bihar | 5962 | 0 | 5641 | 0 | 5704 | 0 | 5636 | 0 | 5409 | 0 | 5888 | 0 | 5918 | 0 |
| | DVC | 3110 | 0 | 3160 | 0 | 3082 | 0 | 3001 | 0 | 3196 | 0 | 2921 | 0 | 2980 | 0 |
| | Jharkhand | 1692 | 0 | 1585 | 0 | 1518 | 0 | 1528 | 0 | 1647 | 0 | 1487 | 0 | 1778 | 0 |
| | Odisha | 4505 | 0 | 4559 | 0 | 4425 | 0 | 4572 | 0 | 4821 | 0 | 4527 | 0 | 4559 | 0 |
| | West Bengal | 8949 | 0 | 8425 | 0 | 8089 | 0 | 7936 | 0 | 8054 | 0 | 8493 | 0 | 8299 | 0 |
| | Sikkim | 90 | 0 | 92 | 0 | 74 | 0 | 86 | 0 | 94 | 0 | 87 | 0 | 67 | 0 |
| NER | Arunachal Pradesh | 108 | 1 | 109 | 2 | 105 | 1 | 107 | 1 | 125 | 1 | 129 | 1 | 119 | 1 |
| | Assam | 1677 | 0 | 1737 | 115 | 1743 | 145 | 1561 | 20 | 1823 | 20 | 1945 | 148 | 1901 | 100 |
| | Manipur | 206 | 0 | 201 | 3 | 185 | 1 | 201 | 1 | 200 | 1 | 210 | 1 | 156 | 1 |
| | Meghalaya | 316 | 0 | 324 | 0 | 322 | 0 | 325 | 0 | 359 | 0 | 334 | 0 | 287 | 0 |
| | Mizoram | 89 | 2 | 90 | 1 | 88 | 2 | 89 | 1 | 99 | 1 | 96 | 1 | 87 | 1 |
| | Nagaland | 125 | 2 | 126 | 2 | 130 | 1 | 119 | 2 | 128 | 1 | 138 | 1 | 134 | 1 |
| Tripura | 278 | 3 | 277 | 1 | 284 | 1 | 285 | 2 | 297 | 2 | 318 | 2 | 269 | 39 | |

6. Energy Consumption in States (MUs)

| Region | States | 14-09-2020 | 15-09-2020 | 16-09-2020 | 17-09-2020 | 18-09-2020 | 19-09-2020 | 20-09-2020 |
|------------------------|-------------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| NR | Punjab | 266.8 | 266.3 | 268.0 | 272.1 | 270.0 | 276.7 | 276.3 |
| | Haryana | 216.3 | 219.3 | 220.8 | 218.1 | 221.9 | 217.2 | 205.4 |
| | Rajasthan | 260.0 | 264.3 | 270.5 | 263.7 | 277.1 | 271.0 | 259.2 |
| | Delhi | 120.5 | 120.5 | 123.9 | 124.6 | 126.5 | 123.5 | 116.5 |
| | UP | 474.4 | 472.3 | 472.7 | 473.7 | 478.5 | 479.0 | 477.2 |
| | Uttarakhand | 42.4 | 43.4 | 42.8 | 40.4 | 43.2 | 43.5 | 40.6 |
| | HP | 31.9 | 32.8 | 33.2 | 31.7 | 33.4 | 32.9 | 30.2 |
| | J&K | 47.0 | 43.9 | 47.7 | 47.9 | 49.5 | 47.9 | 48.7 |
| | Chandigarh | 6.1 | 6.2 | 6.4 | 6.3 | 6.2 | 5.9 | 5.4 |
| WR | Chhattisgarh | 99.1 | 102.7 | 103.5 | 99.3 | 99.4 | 96.8 | 98.7 |
| | Gujarat | 302.1 | 306.4 | 305.7 | 304.2 | 313.1 | 323.1 | 296.1 |
| | MP | 221.7 | 225.7 | 226.5 | 225.1 | 229.0 | 222.5 | 215.8 |
| | Maharashtra | 395.9 | 401.8 | 404.8 | 395.7 | 383.9 | 383.0 | 364.2 |
| | Goa | 9.0 | 9.3 | 9.1 | 8.8 | 9.0 | 9.0 | 8.3 |
| | DD | 6.8 | 7.2 | 7.3 | 6.9 | 7.2 | 7.2 | 6.6 |
| | DNH | 17.6 | 17.7 | 17.9 | 17.3 | 17.1 | 17.6 | 16.7 |
| | Essar steel | 17.6 | 17.2 | 17.2 | 17.2 | 17.6 | 18.9 | 18.9 |
| SR | Andhra Pradesh | 143.6 | 150.5 | 152.9 | 157.3 | 161.8 | 152.0 | 143.5 |
| | Telangana | 143.0 | 140.4 | 142.0 | 143.0 | 150.3 | 144.3 | 137.4 |
| | Karnataka | 141.3 | 146.6 | 150.6 | 149.8 | 152.7 | 151.5 | 129.3 |
| | Kerala | 61.3 | 63.8 | 64.5 | 64.3 | 63.8 | 60.6 | 54.1 |
| | Tamil Nadu | 257.2 | 272.4 | 283.1 | 286.5 | 296.4 | 279.8 | 246.3 |
| | Pondy | 7.6 | 7.5 | 7.5 | 7.7 | 7.7 | 7.9 | 7.0 |
| ER | Bihar | 119.2 | 109.3 | 111.4 | 114.0 | 110.4 | 115.4 | 123.5 |
| | DVC | 67.7 | 67.6 | 66.8 | 59.8 | 55.2 | 65.7 | 66.3 |
| | Jharkhand | 30.3 | 30.6 | 29.8 | 29.2 | 25.2 | 29.5 | 30.2 |
| | Odisha | 90.4 | 95.0 | 95.5 | 96.7 | 98.5 | 98.5 | 93.9 |
| | West Bengal | 176.6 | 174.2 | 168.6 | 161.6 | 161.2 | 178.4 | 170.1 |
| | Sikkim | 1.2 | 1.1 | 1.1 | 1.2 | 1.2 | 1.2 | 0.9 |
| NER | Arunachal Pradesh | 2.0 | 2.2 | 2.2 | 2.1 | 2.3 | 2.2 | 2.2 |
| | Assam | 30.7 | 30.4 | 30.4 | 28.1 | 31.0 | 36.4 | 36.4 |
| | Manipur | 2.5 | 2.6 | 2.5 | 2.7 | 2.6 | 2.8 | 2.8 |
| | Meghalaya | 5.5 | 5.4 | 5.9 | 5.4 | 5.8 | 5.8 | 5.5 |
| | Mizoram | 1.6 | 1.7 | 1.7 | 1.8 | 1.7 | 1.7 | 1.7 |
| | Nagaland | 2.2 | 2.5 | 2.5 | 2.1 | 2.1 | 2.4 | 2.4 |
| | Tripura | 4.7 | 4.7 | 5.0 | 5.0 | 5.3 | 5.6 | 4.8 |
| ALL INDIA TOTAL | | 3823.6 | 3865.4 | 3901.7 | 3871.2 | 3917.8 | 3917.2 | 3743.0 |

पॉवर सिस्टम ऑपरेशन कारपोरेशन लिमिटेड
राष्ट्रीय भार प्रेषण केंद्र, नई दिल्ली

साप्ताहिक रिपोर्ट (14 सितंबर 2020 से 20 सितंबर 2020 तक)

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

7. अतक्षेत्रीय विनिमय [प्रथम क्षेत्र से द्वितीय क्षेत्र को आयात (+) / निर्यात (-)]

| दिनांक | 14-09-2020 | 15-09-2020 | 16-09-2020 | 17-09-2020 | 18-09-2020 | 19-09-2020 | 20-09-2020 |
|---------------------|------------|------------|------------|------------|------------|------------|------------|
| East to North | -87.4 | -100.6 | -97.2 | -107.3 | -107.9 | -98.2 | -88.6 |
| East to West | 49.6 | 51.0 | 50.0 | 41.5 | 53.0 | 44.9 | 58.2 |
| East to South | -58.8 | -68.2 | -77.3 | -70.9 | -81.7 | -75.6 | -75.2 |
| East to North-East | -9.9 | -11.4 | -11.5 | -4.5 | -8.4 | -12.0 | -13.0 |
| North-East to North | -13.4 | -13.3 | -13.4 | -13.3 | -13.4 | -13.2 | -13.4 |
| West to North | -265.5 | -255.2 | -271.9 | -249.8 | -264.5 | -268.6 | -266.0 |
| West to South | -3.4 | -5.2 | -13.4 | -28.3 | -7.9 | -26.3 | 7.0 |

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

साप्ताहिक रिपोर्ट (14 सितंबर 2020 से 20 सितंबर 2020 तक)

| दिनांक Date | भूटान BHUTAN | | नेपाल NEPAL | | | बांग्लादेश BANGLADESH | | |
|------------------|-----------------|------------------|-----------------|---------------|------------------|-----------------------|---------------|------------------|
| | Energy Exchange | Day Average (MW) | Energy Exchange | Day Peak (MW) | Day Average (MW) | Energy Exchange | Day Peak (MW) | Day Average (MW) |
| 14-09-2020 | 53.5 | 2228 | -2.2 | -287 | -92 | -26.3 | -1123 | -1094 |
| 15-09-2020 | 53.9 | 2247 | -1.4 | -196 | -60 | -26.3 | -1119 | -1095 |
| 16-09-2020 | 52.2 | 2177 | -1.2 | -156 | -50 | -25.9 | -1120 | -1078 |
| 17-09-2020 | 54.1 | 2253 | -0.6 | -116 | -25 | -25.1 | -1118 | -1045 |
| 18-09-2020 | 53.5 | 2228 | -0.2 | -217 | -8 | -24.1 | -1049 | -1005 |
| 19-09-2020 | 52.0 | 2165 | -1.4 | -361 | -59 | -26.5 | -1145 | -1103 |
| 20-09-2020 | 52.0 | 2168 | -2.6 | -109 | -109 | -26.2 | -1130 | -1091 |
| कुल Total | 371.2 | | -9.7 | | | -180.2 | | |

8). Major Grid Incidences (Provisional):-

| S.No. | Region | Name of Elements (Tripped/Manually opened) | Owner / Agency | Outage | | Restored | | Outage Duration | Event (As reported) | Generation Loss(MW) | Load Loss(MW) | Category as per IEC Grid Standards |
|-------|--------|--|----------------|-----------|-------|-----------|-------|-----------------|---|------------------------|---------------|---------------------------------------|
| | | | | Date | Time | Date | Time | | | | | |
| 1 | NER | 1) 132 kV Pallapool - Srikona 2) 132 kV Jiribam(PG) - Pallapool | ASETCL | 14-Sep-20 | 11:28 | 14-Sep-20 | 11:55 | 00:27 | 132 kV Pallapool - Srikona and 132 kV Jiribam(PG) - Pallapool T/L tripped leading to the blackout of Pallapool substation of Assam. | 0 | 23 | GD-1 |
| 2 | WR | 1) 220 kV Sova - Kosamba 2) 220 kV Sova - Gaveswad 3) 220 kV Sova - Haldhawa 4) 220 kV Sova - GNFC-1 5) 220 kV Sova GNFC-2 6) 220 kV Sova DGEN 7) 220 kV Sova China steel - 2 8) 220 kV / 66 kV 100 MVA Tr-1 9) 220 kV / 66 kV 100 MVA Tr-2 10) 220 kV Sova Bus-2 | GSECL | 15-Sep-20 | 08:06 | 15-Sep-20 | 09:31 | 01:25 | 220kV Sova Bus-2 tripped along with all connected feeders. As intimated by SLDC Gujarat, outage on 220 kV Bus-1 was approved, while changeover of GNFC line 2 feeder from Bus-1 to Bus-2, Bus 2 tripped along with all connected feeders. | 0 | 70 | GD-1 |
| 3 | WR | 1) 220 kV Satna (MP) Satna (PG)-1 2) Satna (MP)-2 at Satna (MP) end. 3) 220 kV Satna (MP) Satna (PG)-2 4) 220 kV Satna (MP) Satna (PG)-3 5) 220kV Satna (MP) Bus-1 6) 220kV Satna (MP) Bus-2 7) 220kV Satna (PG)-Malher 8) 400/220kV 315MVA ICT-3 Satna 9) 400/220kV 315MVA ICT-5 Satna 10) 220kV Satna(MP) Kotar 11) 220kV Satna(MP) Chhatrapur 12) 220/132kV 160MVA ICT-5 Satna 13) 220/132kV 160MVA ICT-2 Satna | MPPTCL, PGCL | 17-Sep-20 | 00:56 | 17-Sep-20 | 02:59 | 02:03 | All emanating 220kV lines tripped from Satna (MP) due to B-phase CVT burst of 220kV Satna (PG) Satna (MP)-2 at Satna (MP) end. 220kV Satna (PG)-Malher line along with 400/220kV ICT-1 and ICT-2 at Satna (PG) are also tripped at same time. | 0 | 368 | GD-1 |
| 4 | NER | 1) 132 kV Khelehriat - Leska I 2) 132 kV Khelehriat - Leska II 3) Leska Unit 2 4) Leska Unit 3 | Meghalaya | 16-Sep-20 | 23:35 | 17-Sep-20 | 01:48 | 02:13 | 132 kV Khelehriat - Leska D/C tripped resulting in blackout of Leska S/S. Following this, Unit 2 and Unit 3 of Leska also tripped. | 84 | 0 | GD-1 |
| 5 | NER | 1) 220 kV Sonabil - Samaguri II 2) 220 kV Misa - Samaguri I 3) 220 kV Misa - Samaguri II 4) 220 kV Mariani - Samaguri 5) 220 kV Samaguri - Mariani 6) 220 kV Jawaharnagar - Samaguri | ASETCL,PGCIL | 17-Sep-20 | 05:53 | 17-Sep-20 | 07:00 | 01:07 | All lines emanating from 220 kV Samaguri s/s tripped resulting in blackout at 220 kV Samaguri s/s. | 0 | 130 | GD-1 |
| 6 | NER | 1) 132kV New Umtru - Umtru 2) 132kV New Umtru - EPP II 3) 132kV Umtram IV - Umtru I 4) 132kV Umtram IV - Umtru II 5) 132kV Killing - EPP II-I 6) 132kV Killing - EPP II-II 7) 132 kV Umtru - St III D/C | Meptcl,PGCIL | 17-Sep-20 | 11:43 | 17-Sep-20 | 12:05 | 00:22 | 132 kV Umtru - St III D/C and 132kV Umtram IV - Umtru I D/C, 132kV New Umtru - Umtru, 132kV New Umtru - EPP II and 132kV Killing - EPP II D/C tripped resulting in blackout of New Umtru S/S. Following this, Unit 1 and Unit 2 of New Umtru also tripped. | 40 | 0 | GD-1 |
| 7 | NER | 132 kV Meirat-Zuangtui | Mizoram,PGCIL | 17-Sep-20 | 14:31 | 17-Sep-20 | 14:48 | 00:17 | 132 kV Zuangtui S/S is radially fed from 132 kV Meirat S/S. At 14:31 Hrs, 132 kV Meirat-Zuangtui tripped with indication Meirat: DP, R-Ph. Z-2, 10.1 km ; Zuangtui : Fault in 132 kV Zuangtui-Serchip line, resulting in power loss in Zuangtui area of Mizoram state. | 0 | 39 | GD-1 |
| 8 | NER | 132 kV Pasighat-Roing T/L | Arunahchal | 17-Sep-20 | 23:55 | 18-Sep-20 | 05:33 | 05:38 | 132 kV Pasighat-Roing T/L tripped causing blackout of 132 kV Roing and radially connected 132 kV Tezu and Namsai buses. | 0 | 12 | GD-1 |
| 9 | NER | 132 kV Along-Pasighat T/L | Arunahchal | 19-Sep-20 | 10:06 | 19-Sep-20 | 15:06 | 05:00 | 132 kV Along-Pasighat T/L tripped causing blackout of 132 kV Pasighat and radially connected 132 kV Roing, Tezu and Namsai buses. | 0 | 16 | GD-1 |
| 10 | ER | 1) 400/220kV 500MVA ICT-1 AT DARBHANGA (DMTCL) 2) 400/220kV 500MVA ICT-2 AT DARBHANGA (DMTCL) 3) 220kV-DARBHANGA (DMTCL)-DARBHANGA-2 | DMTCL | 19-Sep-20 | 16:37 | 19-Sep-20 | 18:33 | 01:56 | 220kV Darbhanga-Darbhang-2 ckt tripped on Y. N Fault, 400/220kV 500MVA ICT-1 and ICT-2 tripped at Darbhanga (DMTCL) on directional earth fault sensing the same fault. This resulted into total power failure at 220kV level of Darbhanga substation which was feeding almost 380MW to local Darbhanga load, Samastipur, Muzari/Motipur and Laukahi. No power interruption as Samastipur got power from alternative Begusarai, Laukahi from Madhepura and Motipur from Muzaffarpur. Only local Darbhanga was without power. | 0 | 380 | GD-1 |
| 11 | WR | 1) 220 kV Bus-2 at Utran 2) 220 kV Utran S/C 3) 220 kV Utran Utran(040)-1 4) 220 kV Utran Utran(040)-2 5) 220 kV Utran Mota S/C 6) 220 kV / 66 kV 100 MVA Tr-1 7) 220 kV / 66 kV 100 MVA Tr-2 | GSECL | 20-Sep-20 | 01:27 | 20-Sep-20 | 05:53 | 04:26 | Due to B phase LA Blast on 220kV Utran-Mota line at Utran and resulting in tripping both the buses along with all feeders which were in service and the Stage-II unit-1 (both GT and ST rated capacity 375MW, Generating 225MW). The feeders tripped and restoration status is indicated at them-5. The event resulted in generation loss of 225MW and a load loss of about 48MW. | 225 | 48 | GD-1 |
| 12 | NER | 132 kV Along-Pasighat T/L | Arunahchal | 20-Sep-20 | 08:22 | 20-Sep-20 | 10:22 | 02:00 | 132 kV Along-Pasighat T/L tripped causing blackout of 132 kV Pasighat and radially connected 132 kV Roing, Tezu and Namsai buses. | 0 | 14 | GD-1 |
| 13 | NER | 132 kV Udajpur - Monarchak | TSETCL | 20-Sep-20 | 13:36 | 20-Sep-20 | 13:51 | 00:15 | 132 kV Udajpur - Monarchak tripped causing blackout of Monarchak. | 53 | 8 | GD-1 |