



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: 6th Sept 2019

To,

1. कार्यपालक निदेशक, पू. क्षे. भा. प्रे. के., 14, गोल्फ क्लब रोड, कोलकाता - 700033
Executive Director, ERLDC, 14 Golf Club Road, Tollygunge, Kolkata, 700033
2. 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
3. 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
4. कार्यपालक निदेशक, ऊ. पू. क्षे. भा. प्रे. के., डोंगतिह, लोअर नोंग्रह, लापलंग, शिलोंग - 793006
Executive Director, NERLDC, Dongteih, Lower Nongrah, Lapalang, Shillong - 793006, Meghalaya
5. 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 26th Aug-2019 to 01st Sep-2019.

महोदय/Dear Sir,

आई०ई०जी०सी०-2010 की धारा स.- 5.5.1 के प्रावधान के अनुसार, 26 अगस्त -2019 से 01 सितम्बर-2019, सप्ताह की अखिल भारतीय प्रणाली की ग्रिड निष्पादन रिपोर्ट रा०भा०प्रे०के० 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 26th Aug-2019 to 01st Sept-2019, is available at the NLDC website.

Thanking You.

Yours faithfully,

DGM (SO)

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

साप्ताहिक रिपोर्ट (26 अगस्त से 01 सितम्बर 2019 तक)

रिपोर्टिंग तिथि:- 6-Sep-19

(आई० ई० जॉ० सी० को धारा संख्या-5.5.1 के अंतर्गत)

1. अधिकतम मांग आपूर्ति आर अधिकतम कमी (मि०वा०)

| दिनांक | उत्तरी क्षेत्र | | पश्चिमी क्षेत्र | | दक्षिणी क्षेत्र | | पूर्वी क्षेत्र | | पूर्वोत्तर क्षेत्र | | कुल | |
|------------|------------------------------|---------------------|------------------------------|---------------------|------------------------------|---------------------|------------------------------|---------------------|------------------------------|---------------------|------------------------------|---------------------|
| | अधिकतम मांग आपूर्ति (मि०वा०) | अधिकतम कमी (मि०वा०) | अधिकतम मांग आपूर्ति (मि०वा०) | अधिकतम कमी (मि०वा०) | अधिकतम मांग आपूर्ति (मि०वा०) | अधिकतम कमी (मि०वा०) | अधिकतम मांग आपूर्ति (मि०वा०) | अधिकतम कमी (मि०वा०) | अधिकतम मांग आपूर्ति (मि०वा०) | अधिकतम कमी (मि०वा०) | अधिकतम मांग आपूर्ति (मि०वा०) | अधिकतम कमी (मि०वा०) |
| 26-08-2019 | 57180 | 1054 | 44853 | | 39917 | 50 | 21625 | | 2930 | 137 | 166505 | 1241 |
| 27-08-2019 | 58609 | 1846 | 44767 | | 41494 | | 21815 | | 2925 | 133 | 169610 | 1979 |
| 28-08-2019 | 59474 | 1909 | 46091 | | 41363 | | 22299 | | 2826 | 184 | 172053 | 2093 |
| 29-08-2019 | 60142 | 1389 | 46942 | | 41733 | | 22371 | 250 | 2944 | 128 | 174132 | 1767 |
| 30-08-2019 | 59424 | 2420 | 45898 | | 41436 | 33 | 22866 | | 2913 | 155 | 172537 | 2608 |
| 31-08-2019 | 59556 | 2402 | 45585 | | 40406 | 75 | 23016 | | 2873 | 147 | 171436 | 2624 |
| 01-09-2019 | 53195 | 1843 | 42155 | | 36358 | | 21963 | | 2860 | 155 | 156531 | 1998 |

2. ऊर्जा आपूर्ति और पनबिजली उत्पादन (मि०घू०)

| क्षेत्र / तिथि | उत्तरी क्षेत्र | | पश्चिमी क्षेत्र | | दक्षिणी क्षेत्र | | पूर्वी क्षेत्र | | पूर्वोत्तर क्षेत्र | | कुल | |
|----------------|------------------------|--------------------------|------------------------|--------------------------|------------------------|--------------------------|------------------------|--------------------------|------------------------|--------------------------|------------------------|--------------------------|
| | ऊर्जा आपूर्ति (मि०घू०) | पनबिजली उत्पादन (मि०घू०) | ऊर्जा आपूर्ति (मि०घू०) | पनबिजली उत्पादन (मि०घू०) | ऊर्जा आपूर्ति (मि०घू०) | पनबिजली उत्पादन (मि०घू०) | ऊर्जा आपूर्ति (मि०घू०) | पनबिजली उत्पादन (मि०घू०) | ऊर्जा आपूर्ति (मि०घू०) | पनबिजली उत्पादन (मि०घू०) | ऊर्जा आपूर्ति (मि०घू०) | पनबिजली उत्पादन (मि०घू०) |
| 26-08-2019 | 1245 | 356 | 1041 | 94 | 922 | 92 | 444 | 138 | 56 | 20 | 3708 | 701 |
| 27-08-2019 | 1340 | 366 | 1040 | 101 | 966 | 111 | 456 | 136 | 57 | 19 | 3859 | 733 |
| 28-08-2019 | 1384 | 371 | 1053 | 116 | 991 | 112 | 461 | 129 | 53 | 19 | 3942 | 748 |
| 29-08-2019 | 1385 | 371 | 1077 | 113 | 1013 | 107 | 471 | 141 | 57 | 19 | 4004 | 751 |
| 30-08-2019 | 1369 | 360 | 1073 | 97 | 1004 | 92 | 484 | 138 | 57 | 17 | 3986 | 705 |
| 31-08-2019 | 1385 | 363 | 1053 | 100 | 951 | 91 | 482 | 134 | 54 | 18 | 3925 | 707 |
| 01-09-2019 | 1261 | 359 | 996 | 100 | 857 | 89 | 470 | 136 | 53 | 16 | 3637 | 698 |

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 |
| 26-08-2019 | 3.30 | 3.30 | 80.60 | 16.10 | 50.01 | 0.024 |
| 27-08-2019 | 14.33 | 15.90 | 74.42 | 9.68 | 49.97 | 0.053 |
| 28-08-2019 | 6.48 | 7.20 | 78.17 | 14.63 | 50.00 | 0.036 |
| 29-08-2019 | 6.28 | 6.92 | 76.32 | 16.76 | 50.00 | 0.038 |
| 30-08-2019 | 5.17 | 5.54 | 75.60 | 18.85 | 50.00 | 0.032 |
| 31-08-2019 | 3.78 | 3.78 | 78.45 | 17.77 | 50.01 | 0.025 |
| 01-09-2019 | 0.37 | 0.37 | 71.91 | 27.72 | 50.03 | 0.027 |

*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 | 26-08-2019 | | 27-08-2019 | | 28-08-2019 | | 29-08-2019 | | 30-08-2019 | | 31-08-2019 | | 01-09-2019 | |
|--------|-------------------|--------------------------------|------------------|--------------------------------|------------------|--------------------------------|------------------|--------------------------------|------------------|--------------------------------|------------------|--------------------------------|------------------|--------------------------------|------------------|
| | 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 | 11026 | 0 | 11243 | 0 | 11731 | 0 | 11787 | 0 | 11600 | 0 | 11609 | 0 | 11044 | 0 |
| | Haryana | 9139 | 0 | 9477 | 63 | 9831 | 0 | 9778 | 0 | 9802 | 50 | 10073 | 0 | 9761 | 0 |
| | Rajasthan | 10150 | 0 | 10459 | 0 | 9983 | 0 | 9849 | 0 | 9392 | 0 | 9738 | 0 | 9127 | 0 |
| | Delhi | 5612 | 0 | 6058 | 0 | 6254 | 0 | 6363 | 0 | 6391 | 0 | 6226 | 0 | 6097 | 0 |
| | UP | 19034 | 440 | 19691 | 890 | 19804 | 1840 | 20753 | 340 | 20194 | 1140 | 20390 | 890 | 21061 | 680 |
| | Uttarakhand | 1953 | 0 | 1976 | 35 | 2049 | 0 | 1937 | 0 | 2077 | 0 | 2011 | 0 | 1646 | 0 |
| | HP | 1393 | 0 | 1445 | 0 | 1423 | 0 | 1440 | 0 | 1420 | 0 | 1565 | 0 | 1289 | 33 |
| | J&K | 1977 | 494 | 1954 | 488 | 1956 | 489 | 2076 | 519 | 2082 | 520 | 2129 | 532 | 1890 | 472 |
| | Chandigarh | 267 | 0 | 326 | 0 | 335 | 0 | 293 | 0 | 309 | 0 | 306 | 0 | 271 | 0 |
| WR | Chhattisgarh | 3856 | 0 | 3898 | 0 | 4130 | 0 | 4134 | 49 | 4080 | 0 | 4234 | 0 | 4121 | 0 |
| | Gujarat | 14203 | 0 | 14141 | 0 | 13586 | 0 | 13823 | 0 | 14085 | 0 | 14599 | 0 | 13423 | 0 |
| | MP | 7811 | 0 | 7687 | 0 | 8243 | 0 | 8437 | 0 | 8373 | 0 | 8450 | 0 | 8236 | 0 |
| | Maharashtra | 19337 | 0 | 19470 | 0 | 19721 | 0 | 20250 | 0 | 19914 | 0 | 18380 | 0 | 17083 | 0 |
| | Goa | 541 | 0 | 541 | 0 | 541 | 0 | 541 | 0 | 541 | 0 | 541 | 0 | 541 | 0 |
| | DD | 336 | 0 | 338 | 0 | 343 | 0 | 337 | 0 | 323 | 0 | 345 | 0 | 316 | 0 |
| | DNH | 812 | 0 | 799 | 0 | 804 | 0 | 813 | 0 | 809 | 0 | 787 | 0 | 764 | 0 |
| | Essar steel | 347 | 0 | 320 | 0 | 294 | 0 | 294 | 0 | 311 | 0 | 310 | 0 | 353 | 0 |
| | Andhra Pradesh | 7700 | 0 | 8471 | 0 | 8899 | 0 | 9110 | 0 | 8625 | 0 | 8249 | 0 | 7577 | 0 |
| SR | Telangana | 10349 | 0 | 10617 | 0 | 11064 | 0 | 11638 | 0 | 11703 | 0 | 9656 | 0 | 7710 | 0 |
| | Karnataka | 9027 | 0 | 9395 | 0 | 9781 | 0 | 10026 | 0 | 10440 | 0 | 10048 | 0 | 9060 | 0 |
| | Kerala | 3247 | 0 | 3293 | 0 | 3293 | 0 | 3170 | 0 | 3308 | 0 | 3210 | -75 | 3003 | 0 |
| | Tamil Nadu | 13777 | 0 | 14147 | 0 | 14124 | 0 | 14168 | 0 | 14204 | 0 | 14131 | 0 | 12372 | 0 |
| | Pondy | 402 | 0 | 400 | 0 | 424 | 0 | 405 | 0 | 411 | 0 | 389 | 0 | 376 | 0 |
| | Bihar | 5555 | 0 | 5658 | 0 | 5720 | 0 | 5753 | 0 | 5768 | 0 | 5764 | 0 | 5710 | 0 |
| ER | DVC | 2833 | 0 | 2916 | 0 | 2983 | 0 | 3068 | 0 | 3024 | 0 | 3041 | 0 | 2963 | 0 |
| | Jharkhand | 1165 | 0 | 1188 | 0 | 1219 | 0 | 1170 | 0 | 1134 | 0 | 1338 | 0 | 1265 | 0 |
| | Odisha | 4399 | 0 | 4379 | 0 | 4327 | 0 | 4502 | 250 | 4745 | 0 | 4709 | 0 | 4609 | 0 |
| | West Bengal | 8071 | 0 | 8514 | 0 | 8759 | 0 | 8653 | 0 | 8990 | 0 | 8658 | 0 | 8498 | 0 |
| | Sikkim | 90 | 0 | 94 | 0 | 90 | 0 | 91 | 0 | 95 | 0 | 84 | 0 | 77 | 0 |
| NER | Arunachal Pradesh | 134 | 2 | 124 | 2 | 139 | 1 | 126 | 2 | 121 | 9 | 125 | 2 | 126 | 1 |
| | Assam | 1900 | 89 | 1896 | 78 | 1822 | 147 | 1968 | 69 | 1923 | 67 | 1825 | 85 | 1854 | 80 |
| | Manipur | 179 | 1 | 172 | 3 | 167 | 2 | 178 | 2 | 170 | 12 | 145 | 1 | 153 | 2 |
| | Meghalaya | 318 | 0 | 322 | 0 | 325 | 0 | 329 | 0 | 321 | 6 | 324 | 0 | 279 | 0 |
| | Mizoram | 91 | 2 | 92 | 1 | 97 | 2 | 94 | 1 | 93 | 6 | 95 | 2 | 89 | 1 |
| | Nagaland | 128 | 1 | 128 | 2 | 141 | 1 | 128 | 3 | 124 | 8 | 126 | 1 | 135 | 1 |
| | Tripura | 276 | 8 | 325 | 14 | 299 | 4 | 289 | 4 | 293 | 25 | 288 | 2 | 298 | 1 |

6. Energy Consumption in States (MUs)

| Region | States | 26-08-2019 | 27-08-2019 | 28-08-2019 | 29-08-2019 | 30-08-2019 | 31-08-2019 | 01-09-2019 |
|------------------------|-------------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| NR | Punjab | 245.8 | 256.7 | 265.3 | 266.5 | 257.9 | 260.3 | 233.4 |
| | Haryana | 186.0 | 204.4 | 217.0 | 214.8 | 214.0 | 218.3 | 194.6 |
| | Rajasthan | 229.7 | 232.4 | 221.0 | 217.3 | 212.7 | 214.6 | 203.9 |
| | Delhi | 111.7 | 121.6 | 128.0 | 132.7 | 132.6 | 129.7 | 113.9 |
| | UP | 362.8 | 405.5 | 429.1 | 430.6 | 431.3 | 439.7 | 409.2 |
| | Uttarakhand | 39.8 | 43.6 | 45.7 | 44.2 | 44.3 | 43.4 | 34.9 |
| | HP | 28.7 | 29.4 | 30.0 | 30.7 | 29.8 | 31.5 | 27.7 |
| | J&K | 35.2 | 40.8 | 41.6 | 42.1 | 39.7 | 41.7 | 37.9 |
| | Chandigarh | 5.4 | 6.1 | 6.5 | 6.0 | 6.1 | 6.2 | 5.3 |
| WR | Chhattisgarh | 88.7 | 87.7 | 93.2 | 96.3 | 96.4 | 97.0 | 95.7 |
| | Gujarat | 319.9 | 313.0 | 302.4 | 305.7 | 316.9 | 323.9 | 300.1 |
| | MP | 166.9 | 169.2 | 175.4 | 182.6 | 185.6 | 186.8 | 184.0 |
| | Maharashtra | 423.5 | 429.0 | 439.3 | 449.4 | 431.4 | 402.8 | 374.7 |
| | Goa | 10.2 | 10.2 | 11.1 | 11.3 | 11.4 | 11.4 | 9.7 |
| | DD | 7.3 | 7.6 | 7.7 | 7.7 | 7.7 | 7.8 | 6.9 |
| | DNH | 18.8 | 18.8 | 18.8 | 19.1 | 19.0 | 18.4 | 17.9 |
| | Essar steel | 5.8 | 5.4 | 5.3 | 5.2 | 5.0 | 5.0 | 6.6 |
| SR | Andhra Pradesh | 175.5 | 184.6 | 187.2 | 194.8 | 190.4 | 182.7 | 167.9 |
| | Telangana | 218.1 | 225.4 | 235.2 | 241.7 | 239.4 | 205.2 | 170.6 |
| | Karnataka | 172.7 | 182.3 | 186.2 | 191.8 | 192.7 | 184.8 | 172.1 |
| | Kerala | 62.9 | 63.4 | 61.7 | 65.6 | 65.6 | 66.1 | 60.2 |
| | Tamil Nadu | 284.8 | 302.4 | 312.0 | 310.8 | 307.0 | 303.6 | 278.7 |
| | Pondy | 7.7 | 8.2 | 8.4 | 8.6 | 8.5 | 8.4 | 7.4 |
| ER | Bihar | 109.4 | 111.8 | 115.4 | 117.8 | 117.6 | 117.6 | 117.9 |
| | DVC | 58.3 | 62.6 | 63.8 | 64.8 | 64.8 | 63.8 | 63.7 |
| | Jharkhand | 23.9 | 24.8 | 25.3 | 24.9 | 27.8 | 27.0 | 25.9 |
| | Odisha | 87.6 | 88.5 | 84.8 | 89.2 | 94.8 | 95.7 | 96.9 |
| | West Bengal | 163.7 | 167.1 | 170.3 | 173.5 | 178.5 | 177.2 | 165.2 |
| | Sikkim | 0.8 | 0.9 | 0.9 | 1.0 | 1.0 | 0.9 | 0.6 |
| NER | Arunachal Pradesh | 2.3 | 2.3 | 2.2 | 2.2 | 2.3 | 2.4 | 2.1 |
| | Assam | 36.8 | 37.0 | 33.8 | 37.2 | 36.4 | 34.9 | 35.2 |
| | Manipur | 2.6 | 2.6 | 2.4 | 2.5 | 2.7 | 2.5 | 2.4 |
| | Meghalaya | 5.5 | 5.2 | 5.7 | 5.6 | 5.3 | 5.4 | 5.2 |
| | Mizoram | 1.7 | 1.7 | 1.6 | 1.8 | 1.8 | 1.8 | 1.7 |
| | Nagaland | 2.3 | 2.3 | 2.4 | 2.4 | 2.2 | 2.1 | 2.1 |
| | Tripura | 5.1 | 5.6 | 5.3 | 5.4 | 6.0 | 4.7 | 4.7 |
| ALL INDIA TOTAL | | 3707.9 | 3859.8 | 3942.0 | 4003.7 | 3986.7 | 3925.3 | 3637.1 |

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

साप्ताहिक रिपोर्ट (26 अगस्त से 01 सितम्बर 2019 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 | 26-08-2019 | 27-08-2019 | 28-08-2019 | 29-08-2019 | 30-08-2019 | 31-08-2019 | 01-09-2019 |
| East to North | -58.7 | -68.3 | -61.6 | -60.5 | -58.9 | -70.9 | -62.3 |
| East to West | 65.4 | 68.2 | 75.9 | 77.0 | 76.5 | 64.9 | 68.1 |
| East to South | -43.2 | -39.6 | -40.3 | -47.5 | -41.9 | -39.4 | -38.4 |
| East to North-East | -24.5 | -21.7 | -21.0 | -22.8 | -21.7 | -21.7 | -30.1 |
| North-East to North | -14.6 | -11.4 | -11.6 | -11.9 | -11.0 | -11.1 | -9.5 |
| West to North | -130.9 | -151.8 | -165.9 | -155.5 | -159.4 | -168.1 | -175.1 |
| West to South | -8.5 | -2.7 | -14.7 | 18.4 | -5.1 | -6.2 | 4.8 |

**भूटान , नेपाल एव बाग्लादेश के साथ अतरराष्ट्रीय विद्युत विनिमय INTERNATIONAL
EXCHANGE WITH BHUTAN, NEPAL AND BANGLADESH**

साप्ताहिक रिपोर्ट (26 अगस्त से 01 सितम्बर 2019 तक)

अंतरराष्ट्रीय विद्युत विनिमय [भारत से दूसरे देश को आयात (+) / निर्यात (-)] Transnational Exchange from India (Import=(+ve) /Export =(-ve))

| दिनांक Date | भूटान BHUTAN | | नेपाल NEPAL | | | बाग्लादेश BANGLADESH | | |
|------------------|-----------------|------------------|-----------------|---------------|------------------|----------------------|---------------|------------------|
| | Energy Exchange | Day Average (MW) | Energy Exchange | Day Peak (MW) | Day Average (MW) | Energy Exchange | Day Peak (MW) | Day Average (MW) |
| 26-08-2019 | 39.5 | 1644 | -6.9 | -434 | -289 | -25.5 | -1117 | -1064 |
| 27-08-2019 | 38.8 | 1615 | -6.7 | -402 | -279 | -25.8 | -1124 | -1073 |
| 28-08-2019 | 35.1 | 1462 | -6.5 | -465 | -270 | -26.1 | -1126 | -1088 |
| 29-08-2019 | 38.1 | 1587 | -6.1 | -441 | -255 | -26.1 | -1113 | -1086 |
| 30-08-2019 | 35.5 | 1480 | -5.8 | -409 | -243 | -25.6 | -1113 | -1068 |
| 31-08-2019 | 41.2 | 1718 | -6.2 | -376 | -260 | -26.0 | -1126 | -1082 |
| 01-09-2019 | 43.5 | 1814 | -4.7 | -430 | -198 | -26.0 | -1098 | -1081 |
| कुल Total | 271.7 | | -43.0 | | | -181.0 | | |

8). Major Grid Incidences (Provisional):-

| S.No. | Region | Name of Elements (Tripped/Manually opened) | Owner / Agency | Outage | | Revised | | Outage Duration Time | Event (As reported) | Generation Loss(MW) | Load Loss(MW) | Category as per GEA Grid Standards |
|-------|--------|---|-------------------|-----------|--------|-----------|-------|-------------------------|--|------------------------|---------------|---------------------------------------|
| | | | | Date | Time | Date | Time | | | | | |
| 1 | NER | 132 kV Badarpur - Kolsiba line and 132 kV Aizawl - Kolsiba line | POWERGRID | 26-Aug-19 | 09:54 | 26-Aug-19 | 10:18 | 00:24 | Kolsiba area of Mizoram Power System and Tutul Power Station were connected with rest of NER Grid through 132 kV Badarpur - Kolsiba line and 132 kV Aizawl - Kolsiba line. At 09:54 hrs on 26.08.19, 132 kV Badarpur - Kolsiba line and 132 kV Aizawl - Kolsiba line tripped. Due to tripping of these elements, Kolsiba area of Mizoram Power System and Tutul Power Station were separated from rest of NER Grid and subsequently collapsed due to load generation mismatch in this area. | 59 | 4 | GD 1 |
| 2 | NR | 1) 400kV Jind(PG)-Krori(HV/PNL) ckt-2 2) 315MVA ICT 3 at 400/220kV Krori(HV/PNL) | WERGRID & Hary | 28-Aug-19 | 13:20 | 28-Aug-19 | 15:40 | 02:20 | 400kV Jind(PG)-Krori(HV/PNL) ckt-2 tripped on R-N fault, 19km from Jind end. At the same time, 315MVA ICT 3 at 400/220kV Krori(HV/PNL) also tripped. As per PMU, R-N fault with no auto-reclosing attempt is observed. In antecedent conditions, 400kV Jind(PG)-Krori(HV/PNL) ckt-2 & 315MVA ICT 3 at 400/220kV Krori(HV/PNL) carrying 325MW & 109MW respectively. | | | GD-2 |
| 3 | WR | Tripping of 1.132 kV Siltara-Vandana 2.220/132 kV Siltara ICT 2 3.220/132 kV Siltara ICT 3 | CSPCL | 28-Aug-19 | 15:36 | 28-Aug-19 | 15:55 | 00:19 | Due to the R phase fault in 132 kV Siltara-Vandana feeder, 220/132 kV Siltara ICTs 2&3 tripped. | Nil | 192 | GI-1 |
| 4 | SR | i. 400kV/220 kV ICT-1 at Gazuwaka ii. 400kV/220 kV ICT-2 at Gazuwaka iii. 220kV VSS MHS-Vtag line-1 and 2 iv. 220kV VSS Gangawaram v. 220kV VSS Gazuwaka PGCL line-1 and 2 | APTRANSCO | 28-Aug-19 | 15:31 | 28-Aug-19 | 15:50 | 19 mins | Complete Outage of 220kV Vtag Switching Station and 220kV Parawada SS of APTRANSCO. 220kV VSS Gazuwaka PG line-1 at VSS end, R-Phase dropper from Jack bus to bridge was detached from pilot string due to failure of suspension hardware eye bolt and got into contact with R-Phase Bus isolators. Due to this Bus-1 and Bus-2 Bus Bar Protection operated at 220kV VSS end resulting in the tripping of all the connected elements. 400kV/220kV ICT#1 and 2 at Gazuwaka also got tripped during this event. 220kV Parawada SS was radially fed from 220kV VSS during antecedent conditions. Hence, tripping of 220kV Parawada- VSS line led to complete loss of supply at 220kV/132kV Parawada SS | Nil | 172 MW | GD-1 |
| 5 | NER | 132 kV Kohima-Wokha line,132 kV Imphal-Kohima line and 132 kV Karong-Kohima line | Nagaland, POWER | 28-Aug-19 | 05:23 | 28-Aug-19 | 05:40 | 00:17 | Capital area of Nagaland Power System was connected with the rest of NER Grid through 132 kV Imphal-Kohima Line, 132 kV Kohima - Wokha line and 132 kV Kohima - Karong Line. At 05:23 Hrs on 28.08.2019, 132 kV Kohima-Wokha line, 132 kV Imphal-Kohima and 132 kV Karong-Kohima tripped along with Doyang Unit 2. Due to tripping of these elements, Capital area was separated from the rest of NER Grid and subsequently collapsed due to load generation mismatch in this area. | 21 | 25 | GD 1 |
| 6 | NR | 1) 400kV Panchkula(PG)-Panipat(BBMB) 2) 450MVA ICT 1 at 400/220kV Panipat(BBMB) 3) 450MVA ICT 2 at 400/220kV Panipat(BBMB) 4) 400 kV Main BAY/CT (401) of Panchkula at Panipat | MB & POWERGR | 29-Aug-19 | 10:55 | 29-Aug-19 | 12:17 | 01:22 | In antecedent conditions, (i) 400kV Dadri-Panipat-1 was under planned shutdown (X-3 & X-4 were out), (ii) 400kV Bus-1 main CB(X-6) of ICT-1 was under emergency outage due to Low SF6 gas in R-Phase CB Pole at BBMB Panipat. 400kV Panchkula(PG)-Panipat(BBMB) tripped due to snapping of R-Ph CT line side jumper of 400kV X1 main breaker at Panipat(BBMB). Due to outage of main breaker (X-4) of 400kV Panipat-Dadri-1, emergency outage 400 kV Bus-1 breaker (X-6) of ICT-1 and tripping of X-1 & X-7 CB (due to tripping of 400kV Panipat-Panchkula line), the 400kV Bus-2 got isolated from 400kV Bus-1 and power flow through ICT-1 and 2 became zero. As per PMU, Y-N fault is observed in the system. In antecedent conditions, 450MVA ICT 1 & ICT 2 carrying 282MW & 280MW respectively. | | 550 | GD-1 |
| 7 | ER | 400kV New Purnea-Kishanganj D/C 400kV New Purnea-Muzaffarpur D/C 400kV New Purnea-Binaguri D/C 400kV Bus-1 & 2 at New Purnea 400kV New Purnea-Malda D/C 400/220 kV ICT-1 & 2 at New Purnea | ISTS | 29-Aug-19 | 08:08 | 29-Aug-19 | 09:02 | 00:54 | The 400 kV Y-ph CT 125MVAR BR-1 main bay of New Purnea Sub-station had failed and caught fire on 29.08.2019 at 08:08 Hrs. The Said 125MVAR Bus Reactor-1 was out of service on voltage regulation. However the bay was in charge condition for completion of the DIA. Due to said failure of the CT, 400kV Busbar-2 protection operated due to failure of CT and all the CB's connected with 400kV Busbar-2 got tripped however as the fault was even persisting after tripping of Busbar-2, all the connected feeders with Bus-1 tripped on operation of Z-2 from remote end and Reverse zone from New Purnea end (Except 400kV Kishanganj 1 & 2, whose main CB didn't trip as the line tripped from Kishanganj end in 350 m Sec in Z2). All the anti-theft charged line from New Purnea (Bharshar-1 & 2 and Farakka) also tripped instantaneously. All the 220kV feeders were in service and power to Bihar STU was not interrupted. | 0 | 0 | GI-II |
| 8 | NR | 1) 220kV Salai(NHPC)-Jammu(JK) ckt-2 2) 220kV Salai(NHPC)-Jammu(JK) ckt-1 3) 220kV Jammu(JK)-Samba(PG) | NHPC & POWER | 30-Aug-19 | 4:39 | 30-Aug-19 | 06:19 | 01:40 | 220kV Salai(NHPC)-Jammu(JK) ckt-2 tripped due to snapping of Jumper of R-Ph Isolator at Jammu end. At the same time, 220kV Salai(NHPC)-Jammu(JK) ckt-1 and 220kV Jammu(JK)-Samba(PG) also tripped. As per PMU, R-Y fault is observed in the system. In antecedent conditions, 220kV Salai(NHPC)-Jammu(JK) ckt-1, 2 & 220kV Jammu(JK)-Samba(PG) carrying 88MW, 78MW & 56MW respectively. | | 100 | GD-1 |
| 9 | NER | 132 kV Hallakandi - Panchgram line and 132 kV Badarpur - Panchgram line | POWERGRID & AEGCL | 43707 | 0.4021 | 43707 | 9:45 | 0:06 | Panchgram area of Assam Power System was connected with the rest of NER Grid through 132 kV Hallakandi - Panchgram line and 132 kV Badarpur - Panchgram line. (132 kV Srikona - Panchgram Line is under long outage, 132 kV Panchgram - Lumshong line was idle charged for system requirement) At 09:39 Hrs on 30.08.19, 132 kV Hallakandi - Panchgram line and 132 kV Badarpur - Panchgram line tripped. Due to tripping of these elements, Panchgram area was separated from the rest of NER Grid and subsequently collapsed due to no source in this area. | 0 | 25 | GD 1 |
| 10 | NR | 1) 400 kV Bus 1 at 400/220kV Banda(UP) 2) 400kV Rewa Road(UP)-Banda(UP) ckt-1 3) 400kV Rewa Road(UP)-Banda(UP) ckt-2 | UP | 43708 | 0.0049 | 43708 | 2:00 | 1:53 | 400 kV Bus 1 at 400/220kV Banda(UP), 400kV Rewa Road(UP)-Banda(UP) ckt-1 & 2 tripped on overvoltage. As per PMU, No fault is observed in the system. | | | GI-2 |
| 11 | NER | 132 kV Monarchak - Udaipur line,132 kV Monarchak - Rokhia line | TSECL | 43708 | 0.2389 | 43708 | 6:15 | 0:31 | Monarchak area of Tripura Power System & TGBPP were connected with the rest of NER Grid through 132 kV Monarchak - Rokhia line, 132 kV Monarchak - Udaipur line tripped at 05:42 Hrs on 31.08.19). At 05:44 Hrs on 31.08.19, 132 kV Monarchak - Rokhia line tripped. Due to tripping of this element, Monarchak area & TGBPP were separated from the rest of NER Grid and subsequently collapsed due to load-generation mismatch in this area. | 94 | 5 | GD 1 |