



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: 31st Oct 2019

To,

1. कार्यपालक निदेशक, पू. क्षे. भा. प्रे. के., 14, गोल्फ क्लब रोड , कोलकाता - 700033
Executive Director, ERLDC, 14 Golf Club Road, Tolleygunge, 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 21st Oct-2019 to 27th Oct-2019.

महोदय/Dear Sir,

आई०ई०जी०सी०-2010 की धारा स.- 5.5.1 के प्रावधान के अनुसार, 21 अक्टूबर-2019 से 27 अक्टूबर-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 21st Oct-2019 to 27th Oct-2019, is available at the NLDC website.

Thanking You.

Yours faithfully,

GM (SO)

पावर सिस्टम ऑपरेशन कारपोरेशन लिमिटेड

राष्ट्रीय भार प्रेषण केंद्र, नई दिल्ली

साप्ताहिक रिपोर्ट (21 अक्टूबर से 27 अक्टूबर 2019 तक)

रिपोर्टिंग तिथि:- 31-Oct-19

(आई० ई० जी० सी० की धारा सख्या-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) |
| 21-10-2019 | 44599 | 488 | 44996 | | 36707 | | 20444 | | 2553 | 189 | 149299 | 677 |
| 22-10-2019 | 45204 | 563 | 46819 | | 35962 | | 20571 | | 2659 | 79 | 151215 | 642 |
| 23-10-2019 | 43932 | 495 | 45515 | | 35538 | | 19221 | | 2524 | 88 | 146730 | 583 |
| 24-10-2019 | 46595 | 537 | 44560 | | 35732 | | 18004 | | 2301 | 184 | 147192 | 721 |
| 25-10-2019 | 45112 | 515 | 43637 | | 35635 | | 18174 | | 2218 | 159 | 144776 | 674 |
| 26-10-2019 | 43142 | 529 | 40066 | | 33691 | | 18285 | | 2275 | 173 | 137459 | 702 |
| 27-10-2019 | 36869 | 483 | 34586 | | 29524 | | 18246 | | 2196 | 85 | 121421 | 568 |

2. ऊर्जा आपूर्ति और पनबिजली उत्पादन (मि०घ्०)

| क्षेत्र / तिथि | उत्तरी क्षेत्र | | पश्चिमी क्षेत्र | | दक्षिणी क्षेत्र | | पूर्वी क्षेत्र | | पूर्वोत्तर क्षेत्र | | कुल | |
|----------------|------------------------|--------------------------|------------------------|--------------------------|------------------------|--------------------------|------------------------|--------------------------|------------------------|--------------------------|------------------------|--------------------------|
| | ऊर्जा आपूर्ति (मि०घ्०) | पनबिजली उत्पादन (मि०घ्०) | ऊर्जा आपूर्ति (मि०घ्०) | पनबिजली उत्पादन (मि०घ्०) | ऊर्जा आपूर्ति (मि०घ्०) | पनबिजली उत्पादन (मि०घ्०) | ऊर्जा आपूर्ति (मि०घ्०) | पनबिजली उत्पादन (मि०घ्०) | ऊर्जा आपूर्ति (मि०घ्०) | पनबिजली उत्पादन (मि०घ्०) | ऊर्जा आपूर्ति (मि०घ्०) | पनबिजली उत्पादन (मि०घ्०) |
| 21-10-2019 | 924 | 157 | 996 | 58 | 766 | 137 | 412 | 93 | 45 | 11 | 3143 | 457 |
| 22-10-2019 | 929 | 153 | 1020 | 64 | 770 | 158 | 416 | 90 | 46 | 12 | 3180 | 476 |
| 23-10-2019 | 932 | 154 | 1009 | 57 | 773 | 146 | 396 | 84 | 45 | 11 | 3155 | 454 |
| 24-10-2019 | 939 | 154 | 991 | 51 | 771 | 140 | 349 | 82 | 43 | 11 | 3093 | 438 |
| 25-10-2019 | 950 | 150 | 963 | 47 | 781 | 145 | 330 | 85 | 40 | 12 | 3064 | 439 |
| 26-10-2019 | 900 | 143 | 911 | 39 | 750 | 154 | 345 | 84 | 38 | 16 | 2944 | 435 |
| 27-10-2019 | 820 | 141 | 810 | 31 | 679 | 143 | 352 | 82 | 41 | 19 | 2702 | 416 |

3. आवृत्ति (प्रतिशत समय में)

| तिथि | 49.8-49.9 | <49.9 | 49.9-50.05 | >50.05 | Average | FVI |
|------------|-----------|-----------|------------|-----------|-----------|-----------|
| | ऑ० ई० घिड | ऑ० ई० घिड | ऑ० ई० घिड | ऑ० ई० घिड | ऑ० ई० घिड | ऑ० ई० घिड |
| 21-10-2019 | 5.66 | 5.66 | 74.22 | 20.12 | 50.00 | 0.032 |
| 22-10-2019 | 2.43 | 2.43 | 76.47 | 21.10 | 50.01 | 0.026 |
| 23-10-2019 | 2.51 | 2.51 | 77.16 | 20.32 | 50.01 | 0.030 |
| 24-10-2019 | 5.01 | 5.94 | 69.43 | 24.63 | 50.01 | 0.043 |
| 25-10-2019 | 4.54 | 4.78 | 71.61 | 23.61 | 50.01 | 0.035 |
| 26-10-2019 | 1.48 | 1.66 | 73.58 | 24.77 | 50.02 | 0.033 |
| 27-10-2019 | 2.58 | 2.58 | 73.72 | 23.70 | 50.01 | 0.033 |

*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 | 21-10-2019 | | 22-10-2019 | | 23-10-2019 | | 24-10-2019 | | 25-10-2019 | | 26-10-2019 | | 27-10-2019 | |
|--------|-------------------|--------------------------------|------------------|--------------------------------|------------------|--------------------------------|------------------|--------------------------------|------------------|--------------------------------|------------------|--------------------------------|------------------|--------------------------------|------------------|
| | 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 | 5804 | 0 | 5915 | 0 | 6015 | 0 | 5822 | 0 | 5807 | 0 | 5523 | 0 | 4594 | 0 |
| | Haryana | 6061 | 0 | 6658 | 0 | 6685 | 0 | 6687 | 0 | 6576 | 0 | 5945 | 0 | 5309 | 0 |
| | Rajasthan | 9892 | 0 | 9919 | 0 | 10021 | 0 | 10127 | 0 | 10330 | 0 | 10305 | 0 | 9855 | 0 |
| | Delhi | 3889 | 0 | 3803 | 0 | 3782 | 0 | 3859 | 0 | 3810 | 0 | 3410 | 0 | 3006 | 0 |
| | UP | 15350 | 0 | 15055 | 0 | 14964 | 0 | 15754 | 0 | 14890 | 0 | 15481 | 0 | 14083 | 0 |
| | Uttarakhand | 1725 | 0 | 1697 | 0 | 1760 | 0 | 1764 | 0 | 1753 | 0 | 1592 | 0 | 1328 | 0 |
| | HP | 1483 | 0 | 1488 | 0 | 1542 | 0 | 1508 | 0 | 1456 | 0 | 1383 | 0 | 1041 | 0 |
| | J&K | 2082 | 521 | 2244 | 561 | 2120 | 530 | 2434 | 608 | 2211 | 553 | 2240 | 560 | 2194 | 549 |
| | Chandigarh | 201 | 0 | 177 | 0 | 205 | 0 | 205 | 0 | 203 | 0 | 183 | 0 | 156 | 0 |
| WR | Chhattisgarh | 3511 | 0 | 3599 | 0 | 3454 | 0 | 3320 | 0 | 3439 | 0 | 3357 | 0 | 2972 | 0 |
| | Gujarat | 16037 | 0 | 15780 | 0 | 15298 | 0 | 14931 | 0 | 14296 | 0 | 12617 | 0 | 10552 | 0 |
| | MP | 7926 | 0 | 8087 | 0 | 7855 | 0 | 8004 | 0 | 8209 | 0 | 8269 | 0 | 7857 | 0 |
| | Maharashtra | 16909 | 0 | 18419 | 0 | 18125 | 0 | 17973 | 0 | 17243 | 0 | 16023 | 0 | 14584 | 0 |
| | Goa | 541 | 0 | 541 | 0 | 541 | 0 | 541 | 0 | 541 | 0 | 541 | 0 | 541 | 0 |
| | DD | 337 | 0 | 341 | 0 | 342 | 0 | 330 | 0 | 321 | 0 | 300 | 0 | 246 | 0 |
| | DNH | 793 | 0 | 765 | 0 | 781 | 0 | 805 | 0 | 774 | 0 | 747 | 0 | 701 | 0 |
| | Essar steel | 333 | 0 | 352 | 0 | 319 | 0 | 324 | 0 | 322 | 0 | 394 | 0 | 358 | 0 |
| | Andhra Pradesh | 7205 | 0 | 6884 | 0 | 6931 | 0 | 7117 | 0 | 7128 | 0 | 7212 | 0 | 6576 | 0 |
| SR | Telangana | 6882 | 0 | 6942 | 0 | 7029 | 0 | 6934 | 0 | 7197 | 0 | 7102 | 0 | 6553 | 0 |
| | Karnataka | 7487 | 0 | 7336 | 0 | 7658 | 0 | 7679 | 0 | 7497 | 0 | 7240 | 0 | 6988 | 0 |
| | Kerala | 3229 | 0 | 3387 | 0 | 3369 | 0 | 3235 | 0 | 3358 | 0 | 3076 | 0 | 2950 | 0 |
| | Tamil Nadu | 12575 | 0 | 12791 | 0 | 12883 | 0 | 12996 | 0 | 12450 | 0 | 11492 | 0 | 9968 | 0 |
| | Pondy | 350 | 0 | 370 | 0 | 377 | 0 | 356 | 0 | 376 | 0 | 331 | 0 | 272 | 0 |
| | Bihar | 4757 | 0 | 4669 | 0 | 4411 | 0 | 4245 | 0 | 4051 | 0 | 4274 | 0 | 4536 | 0 |
| ER | DVC | 3018 | 0 | 3039 | 0 | 3000 | 0 | 2896 | 0 | 2781 | 0 | 2924 | 0 | 2826 | 0 |
| | Jharkhand | 1184 | 0 | 1196 | 0 | 1051 | 0 | 933 | 0 | 998 | 0 | 1072 | 0 | 1265 | 0 |
| | Odisha | 4475 | 0 | 4278 | 0 | 3885 | 0 | 3456 | 0 | 3660 | 0 | 3732 | 0 | 3695 | 0 |
| | West Bengal | 8307 | 0 | 8357 | 0 | 7659 | 0 | 6809 | 0 | 6642 | 0 | 6663 | 0 | 6408 | 0 |
| | Sikkim | 100 | 0 | 100 | 0 | 100 | 0 | 100 | 0 | 100 | 0 | 91 | 0 | 84 | 0 |
| NER | Arunachal Pradesh | 116 | 2 | 121 | 2 | 118 | 1 | 112 | 1 | 112 | 9 | 109 | 5 | 109 | 1 |
| | Assam | 1527 | 154 | 1629 | 46 | 1661 | 53 | 1385 | 131 | 1342 | 91 | 1351 | 118 | 1318 | 70 |
| | Manipur | 154 | 3 | 164 | 3 | 174 | 2 | 176 | 2 | 149 | 11 | 151 | 6 | 156 | 2 |
| | Meghalaya | 316 | 0 | 344 | 0 | 330 | 0 | 333 | 0 | 329 | 15 | 342 | 11 | 301 | 0 |
| | Mizoram | 89 | 1 | 91 | 2 | 97 | 2 | 98 | 1 | 88 | 4 | 91 | 7 | 94 | 1 |
| | Nagaland | 122 | 2 | 125 | 3 | 127 | 2 | 117 | 2 | 110 | 6 | 104 | 5 | 119 | 2 |
| | Tripura | 286 | 0 | 276 | 3 | 279 | 0 | 225 | 0 | 242 | 18 | 269 | 18 | 248 | 1 |

6. Energy Consumption in States (MUs)

| Region | States | 21-10-2019 | 22-10-2019 | 23-10-2019 | 24-10-2019 | 25-10-2019 | 26-10-2019 | 27-10-2019 |
|------------------------|-------------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| NR | Punjab | 113.4 | 119.7 | 124.5 | 125.7 | 122.0 | 117.0 | 90.7 |
| | Haryana | 125.5 | 132.4 | 137.0 | 137.9 | 134.7 | 124.8 | 104.3 |
| | Rajasthan | 203.1 | 202.6 | 200.6 | 202.3 | 204.3 | 197.0 | 185.3 |
| | Delhi | 78.4 | 75.9 | 74.2 | 75.9 | 76.0 | 69.1 | 60.8 |
| | UP | 296.7 | 290.5 | 286.8 | 286.7 | 302.9 | 287.8 | 290.0 |
| | Uttarakhand | 35.1 | 34.7 | 34.8 | 35.9 | 36.0 | 32.7 | 26.1 |
| | HP | 26.6 | 27.2 | 27.8 | 27.4 | 27.6 | 25.2 | 17.0 |
| | J&K | 41.8 | 42.6 | 42.3 | 43.5 | 43.2 | 42.6 | 43.1 |
| | Chandigarh | 3.7 | 3.4 | 3.7 | 3.7 | 3.7 | 3.4 | 2.9 |
| WR | Chhattisgarh | 74.1 | 76.7 | 75.7 | 72.8 | 73.9 | 73.5 | 68.5 |
| | Gujarat | 351.2 | 347.8 | 337.8 | 327.4 | 312.7 | 279.0 | 233.3 |
| | MP | 171.0 | 169.7 | 164.3 | 164.9 | 171.3 | 170.3 | 162.8 |
| | Maharashtra | 357.7 | 383.7 | 387.9 | 383.7 | 363.2 | 347.4 | 313.9 |
| | Goa | 10.8 | 10.8 | 11.5 | 10.5 | 10.5 | 10.5 | 8.9 |
| | DD | 7.4 | 7.6 | 7.6 | 7.5 | 7.3 | 6.6 | 4.0 |
| | DNH | 18.2 | 17.1 | 18.3 | 18.6 | 18.2 | 17.2 | 12.0 |
| | Essar steel | 6.0 | 6.3 | 6.2 | 6.0 | 5.8 | 6.8 | 6.8 |
| SR | Andhra Pradesh | 152.5 | 146.7 | 144.4 | 146.6 | 151.4 | 149.8 | 146.1 |
| | Telangana | 143.2 | 146.8 | 146.2 | 145.2 | 149.4 | 149.4 | 141.9 |
| | Karnataka | 146.0 | 146.2 | 147.4 | 147.2 | 141.8 | 140.1 | 132.6 |
| | Kerala | 63.3 | 65.9 | 65.6 | 65.1 | 64.9 | 62.4 | 57.2 |
| | Tamil Nadu | 253.7 | 257.5 | 262.0 | 259.4 | 266.0 | 241.5 | 195.7 |
| | Pondy | 7.0 | 7.2 | 7.3 | 7.1 | 7.7 | 7.0 | 5.3 |
| ER | Bihar | 84.4 | 82.6 | 80.2 | 74.1 | 70.3 | 71.1 | 77.9 |
| | DVC | 62.4 | 62.7 | 61.7 | 58.6 | 57.3 | 59.7 | 58.8 |
| | Jharkhand | 22.4 | 23.9 | 23.6 | 20.0 | 19.9 | 22.9 | 24.5 |
| | Odisha | 83.8 | 85.8 | 79.8 | 70.8 | 70.5 | 73.9 | 76.1 |
| | West Bengal | 158.2 | 159.6 | 149.6 | 124.8 | 110.6 | 116.3 | 113.9 |
| | Sikkim | 0.9 | 1.1 | 1.1 | 1.2 | 1.2 | 1.0 | 0.8 |
| NER | Arunachal Pradesh | 2.0 | 2.0 | 2.2 | 2.0 | 2.1 | 2.1 | 2.2 |
| | Assam | 26.2 | 26.9 | 26.7 | 24.6 | 22.3 | 20.3 | 22.7 |
| | Manipur | 2.4 | 2.5 | 2.7 | 2.5 | 2.5 | 2.5 | 2.5 |
| | Meghalaya | 5.6 | 5.9 | 5.9 | 6.1 | 5.7 | 5.5 | 5.6 |
| | Mizoram | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.8 | 1.7 |
| | Nagaland | 2.1 | 2.2 | 2.1 | 2.1 | 2.1 | 2.1 | 2.4 |
| | Tripura | 5.0 | 4.7 | 3.8 | 4.1 | 3.9 | 3.7 | 4.1 |
| ALL INDIA TOTAL | | 3143.3 | 3180.4 | 3155.1 | 3093.5 | 3064.3 | 2943.7 | 2702.1 |

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

साप्ताहिक रिपोर्ट (21 अक्टूबर से 27 अक्टूबर 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 | 21-10-2019 | 22-10-2019 | 23-10-2019 | 24-10-2019 | 25-10-2019 | 26-10-2019 | 27-10-2019 |
|---------------------|------------|------------|------------|------------|------------|------------|------------|
| East to North | -46.1 | -51.0 | -59.0 | -62.6 | -72.7 | -60.7 | -50.6 |
| East to West | 65.2 | 60.4 | 46.0 | 37.1 | 50.6 | 49.5 | 42.9 |
| East to South | -63.6 | -55.0 | -51.2 | -59.1 | -71.7 | -63.0 | -63.6 |
| East to North-East | -18.2 | -18.1 | -11.5 | -10.9 | -12.5 | -7.1 | -0.3 |
| North-East to North | -8.3 | -8.4 | -5.2 | -8.0 | -12.1 | -11.0 | -6.6 |
| West to North | -160.0 | -166.7 | -175.0 | -169.3 | -168.9 | -145.9 | -123.9 |
| West to South | -22.1 | -12.4 | -12.2 | -22.9 | -12.6 | -23.0 | -27.9 |

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

साप्ताहिक रिपोर्ट (21 अक्टूबर से 27 अक्टूबर 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) |
| 21-10-2019 | 25.9 | 1079 | -1.7 | -237 | -71 | -26.4 | -1138 | -1099 |
| 22-10-2019 | 23.2 | 965 | -1.9 | -240 | -80 | -26.2 | -1134 | -1093 |
| 23-10-2019 | 22.6 | 942 | -1.4 | -202 | -58 | -26.2 | -1122 | -1093 |
| 24-10-2019 | 22.2 | 923 | -1.2 | -215 | -52 | -23.9 | -1080 | -995 |
| 25-10-2019 | 20.7 | 864 | -1.3 | -356 | -53 | -20.1 | -1072 | -836 |
| 26-10-2019 | 20.3 | 848 | -1.3 | -124 | -55 | -16.5 | -1092 | -686 |
| 27-10-2019 | 19.3 | 803 | -1.4 | -130 | -57 | -23.3 | -1103 | -972 |
| कुल Total | 154.2 | | -10.2 | | | -162.6 | | |

8). Major Grid Incidences (Provisional):-

| S.No. | Region | Name of Elements (Tripped/Manually opened) | Owner / Agency | Outage | | Revival | | Outage Duration | Event (As reported) | Generation Loss(MW) | Load Loss(MW) | Category as per CEA Grid Standards |
|-------|--------|--|----------------|------------|-------|------------|-------|-----------------|---|------------------------|---------------|---------------------------------------|
| | | | | Date | Time | Date | Time | Time | | | | |
| 1 | NR | 400KV Parabti-3 Sainj 400KV Sainj-Parabti 2 400KV Banala-Hamirpur 400KV Unit#2, #3 of Parbti 3 400KV Unit #1, #2 of Sainj | PG | 21-10-2019 | 18:29 | 21-10-2019 | 19:03 | 00:34 | At 18:29 hrs, 400KV Banala-Hamirpur tripped on Y-N fault (Fault detail-29.2km and 3.47ka from Banala) Whereas 400KV Banala- Koldam and Banala-Amritsar were under planned shutdown and 400KV Banala-Nalagarh opened on High voltage. Due to loss of the only evacuation line (400KV Banala-Hamirpur line) All units of Parabti complex tripped on Over speed. | 500 | Nil | GH |
| 2 | WR | 220KV Kala-Khadoli-1 220KV Kala-Khadoli-2 220KV Kala-New Kharadpada-1 220KV Kala-New Kharadpada-2 220KV New Kharadpada Bus-2 | DNH/PG | 22-10-2019 | 15:31 | 22-10-2019 | 18:28 | 02:57 | As reported by SDC/DNH, 220KV Kala-Khadoli-1&2 and 220KV Kala-New Kharadpada-2 tripped at 15:31hrs and 220KV Kala-New Kharadpada-2 tripped at 15:34hrs. Heavy thunderstorm and rains reported in that area during the period. Also 220KV Bus-2 B-ph conductor got damaged at New Kharadpada | Nil | 100 | GD-1 |
| 3 | ER | 132 KV Lakhisarai Jamui D/c 132 KV Lakhisarai(PG)- Lakhisarai I UNIT # 2*200 MVA 400/132 KV ICT's | PG/BSPTCL | 23-10-2019 | 12:22 | 23-10-2019 | 12:48 | 00:26 | At 12:22 Hrs, 132 KV Bus at 400/132 KV Lakhisarai(PG) became dead leading to a load loss of 41 MW (Jamui: 16 MW, Lakhisarai: 25 MW). Following elements connected to 132 KV bus tripped: 132 KV Lakhisarai Jamui D/c, 132 KV Lakhisarai Lakhisarai I, 2*200 MVA 400/132 KV ICT's at Lakhisarai (From LV side only) | Nil | 43 | GD-1 |
| 4 | ER | 132 KV KHSTPP-Lalmatia | JUSNL | 22-10-2019 | 11:55 | 22-10-2019 | 12:20 | 00:25 | At 11:55 Hrs, 220 KV ESTPP Lalmatia tripped due to B, N Fault. At the same time, 132 KV KHSTPP-Lalmatia also tripped, leading to a load loss of 44 MW | Nil | 44 | GD-1 |
| 5 | WR | Complete outage of 220/132 KV Sadeipalli S/S | Gridco/PG | 25-10-2019 | 04:44 | 25-10-2019 | 05:36 | 00:52 | At 04:44 Hrs, B-ph jumper of Bus II isolator of 220 KV Sadeipalli-Bargharh snapped at Sadeipalli end and caught fire. 220 KV Bargharh (PG) Sadeipalli was hand-tripped on emergency basis. Consequently, 220/132 KV Sadeipalli became dead and load loss of 111 MW occurred in downstream areas of Sadeipalli. | Nil | 111 | GD-1 |
| 6 | WR | 400KV Chandrapur-Bhadravati-2 400KV Chandrapur-Bhadravati-3 400KV Chandrapur-Khaparkheda 400KV Chandrapur-Chandrapur-2 400KV Chandrapur GCR-HVDC-2 HVDC Chandrapur Pole-1 HVDC Chandrapur Pole-2 400/220KV ICT-1 at Chandrapur Unit5(500MW) Unit3(210MW) Unit6(500MW) 400KV Bus-1 at Chandrapur | Maharashtra | 25-10-2019 | 01:03 | 25-10-2019 | 02:55 | 01:52 | Due to LBB operation of 90MVA station transformer-4, 400KV Bus 1 tripped along with connected elements at 400KV GCR Substation at Chandrapur, Maharashtra | 960 | Nil | GD-1 |
| 7 | WR | 220KV Ponda Bus-1 220KV Amona-Ponda-2 220KV Amona-Ponda-3 220KV Mahalaxmi-Amona S/C 220KV Tilar-Amona S/C 220KV Mapusa-Ponda S/C 220/110KV ICT's at Ponda | GED | 25-10-2019 | 09:01 | 25-10-2019 | 09:26 | 00:25 | At 09:01hrs, 220KV Bus-1 at Ponda tripped along with 220KV Amona-Ponda-2 & 3 on R-phase fault resulting in tripping of 3x200MVA, 220/110KV ICT's. Also along with these, 220KV Mahalaxmi-Amona and 220KV Tilar-Amona tripped at Amona end only reportedly on reflected fault. At the same time 220KV Mapusa-Ponda S/C tripped with B-phase fault (3.772km, 39km at Mapusa) indication at Mapusa and no indication at Ponda. The above resulted in loss of load of about 100MW | Nil | 100 | GD-1 |
| 8 | WR | 400KV Amreli Bus-1 AMRELI - 400KV B/R 1 400KV-AMRELI-CHORANIA-1 400KV-AMRELI-JETPUR-1 400KV/220KV AMRELI-ICT-3 | GEB | 25-10-2019 | 11:21 | 25-10-2019 | 11:56 | 00:35 | As reported by SDC/ Gujarat, while carrying out testing works in 400/220 kv ICT-2 at Amreli, LBB protection operated resulting in the tripping of 400KV Bus-1 and its associated elements | Nil | Nil | GH |
| 9 | ER | 315 MVA, 400/220KV ICT-1 at Kolaghat 315 MVA, 400/220KV ICT-2 at Kolaghat Kolaghat TPP Unit-2 | WBSEB | 25-10-2019 | 18:17 | 00-01-1900 | 19:15 | 00:58 | 132kv R-phase Bus differential operated in Kolaghat TPP. 315*2 MVA, 400/220kv ICT's tripped on R-phase directional overcurrent. The only running unit#2 (feeds at 220kv) also tripped at the same time due to loss of auxiliary power leading to a generation loss of 180 MW. There is power interruption of 60 MW to local Kolaghat load. Both ICT's normalized at 19:15 hrs | 180 | 60 | GD-1 |
| 10 | ER | 220 KV Jorethang-New Mellii I 220 KV Jorethang-New Mellii II Jorethang Unit-1 | JLHEP | 26-10-2019 | 07:27 | 26-10-2019 | 07:37 | 00:10 | At 07:27 Hrs, 220 KV Jorethang-New Mellii D/c tripped at 07:27 Hrs due to OPERATION of Back Up Earth Fault Protection. Consequently, One running unit (U#1) at Jorethang tripped due to loss of evacuation path. | 45 | Nil | GH |
| 11 | WR | 220 kv Bus 1 at Kadana UNIT 3 (60 MW) at Kadana(Hydro) UNIT 2 (60 MW) at Kadana(Hydro) 220 kv Kadana -Godhra 220 kv Kadana -Lunavada 220 kv Kadana -Modasa 1 220 kv Kadana -Modasa 2 | GEB | 26-10-2019 | 04:48 | 26-10-2019 | 06:28 | 01:40 | As informed by SDC Gujarat 220 kv Bus-1 at Kadana (Hydro) tripped due to fire in Y-Phase PT (potential transformer) resulting in Tripping of lines and units connected to the 220 kv Bus -1. | 120 | 0 | GH |
| 12 | ER | 400 KV Teesta-Dikchu line Unit 1,2,3,5,6 at Teesta-III 400 KV Teesta-III-Kishanganj 400 KV Bus-1 at Teesta III Dikchu unit-1 | TUL/PG | 26-10-2019 | 15:43 | 26-10-2019 | 16:13 | 00:30 | At 15:43 hrs on 26.10.19, 400 KV Teesta III were operating with unit 3 and 6. Unit 1, 2 and 4, both 400 KV ckt(Dikchu and Kishanganj) were connected in 400 KV Bus 1 and unit 3, 5, 6 in Bus 2. Unit 3 and 6 were generating around 400 MW at that time, connected to Bus 2. At this moment, Unit 3 and 6 tripped on neutral overcurrent protection, and 400 KV Dikchu - Teesta III line, 400 KV Kishanganj-Teesta III tripped on overvoltage protection. All this led to loss of voltage at 400 KV Teesta III with 400 MW generation loss. Also, at this moment Dikchu unit 1 tripped @48 MW on neutral overcurrent protection on generator transformer. | 448 | Nil | GH |