

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

साप्ताहिक रिपोर्ट (14 अक्टूबर-2013 से -20 अक्टूबर -2013 तक)
(आई० ई० जी० सी० की धारा संख्या-5.5.1 के अंतर्गत)

रिपोर्टिंग तिथि:- 22/10/2013

1. अधिकतम मांग आपूर्ति और अधिकतम कमी (मे०घा०)

| क्षेत्र / दिनांक | उत्तरी क्षेत्र | | पश्चिमी क्षेत्र | | दक्षिणी क्षेत्र | | पूर्वी क्षेत्र | | पूर्वोत्तर क्षेत्र | | कुल | |
|------------------|---------------------|------------|---------------------|------------|---------------------|------------|---------------------|------------|---------------------|------------|---------------------|------------|
| | अधिकतम मांग आपूर्ति | अधिकतम कमी | अधिकतम मांग आपूर्ति | अधिकतम कमी | अधिकतम मांग आपूर्ति | अधिकतम कमी | अधिकतम मांग आपूर्ति | अधिकतम कमी | अधिकतम मांग आपूर्ति | अधिकतम कमी | अधिकतम मांग आपूर्ति | अधिकतम कमी |
| | (मे०घा०) | (मे०घा०) | (मे०घा०) | (मे०घा०) | (मे०घा०) | (मे०घा०) | (मे०घा०) | (मे०घा०) | (मे०घा०) | (मे०घा०) | (मे०घा०) | (मे०घा०) |
| 14-10-2013 | 34404 | 2123 | 34062 | 490 | 30028 | 1615 | 10580 | 1200 | 1873 | 116 | 110947 | 5544 |
| 15-10-2013 | 33737 | 4182 | 36018 | 530 | 31205 | 2199 | 13040 | 250 | 1926 | 116 | 115926 | 7277 |
| 16-10-2013 | 35201 | 2792 | 35984 | 153 | 30156 | 2681 | 13972 | 436 | 1966 | 100 | 117279 | 6162 |
| 17-10-2013 | 35528 | 2335 | 36633 | 131 | 31073 | 2457 | 14913 | 0 | 1971 | 142 | 120118 | 5065 |
| 18-10-2013 | 35991 | 2275 | 36966 | 98 | 30708 | 2774 | 15228 | 0 | 1914 | 205 | 120807 | 5352 |
| 19-10-2013 | 34495 | 2345 | 37161 | 326 | 30192 | 2538 | 15061 | 515 | 1960 | 171 | 118869 | 5895 |
| 20-10-2013 | 33108 | 2415 | 35626 | 297 | 29322 | 939 | 14712 | 307 | 1859 | 273 | 114627 | 4231 |

2. ऊर्जा आपूर्ति और पनबिजली उत्पादन (मि०घ०)

| क्षेत्र / तिथि | उत्तरी क्षेत्र | | पश्चिमी क्षेत्र | | दक्षिणी क्षेत्र | | पूर्वी क्षेत्र | | पूर्वोत्तर क्षेत्र | | कुल | |
|----------------|----------------|-----------------|-----------------|-----------------|-----------------|-----------------|----------------|-----------------|--------------------|-----------------|---------------|-----------------|
| | ऊर्जा आपूर्ति | पनबिजली उत्पादन | ऊर्जा आपूर्ति | पनबिजली उत्पादन | ऊर्जा आपूर्ति | पनबिजली उत्पादन | ऊर्जा आपूर्ति | पनबिजली उत्पादन | ऊर्जा आपूर्ति | पनबिजली उत्पादन | ऊर्जा आपूर्ति | पनबिजली उत्पादन |
| | (मि०घ०) | (मि०घ०) | (मि०घ०) | (मि०घ०) | (मि०घ०) | (मि०घ०) | (मि०घ०) | (मि०घ०) | (मि०घ०) | (मि०घ०) | (मि०घ०) | (मि०घ०) |
| 14-10-2013 | 705 | 164 | 734 | 93 | 695 | 118 | 179 | 44 | 32 | 15 | 2346 | 434 |
| 15-10-2013 | 717 | 155 | 775 | 107 | 708 | 125 | 238 | 69 | 33 | 13 | 2470 | 470 |
| 16-10-2013 | 757 | 145 | 788 | 109 | 704 | 119 | 271 | 78 | 35 | 13 | 2554 | 464 |
| 17-10-2013 | 751 | 144 | 798 | 94 | 703 | 115 | 288 | 73 | 36 | 14 | 2576 | 440 |
| 18-10-2013 | 770 | 142 | 796 | 78 | 714 | 120 | 299 | 65 | 37 | 16 | 2615 | 421 |
| 19-10-2013 | 748 | 133 | 810 | 82 | 705 | 116 | 302 | 71 | 36 | 14 | 2601 | 416 |
| 20-10-2013 | 719 | 133 | 810 | 69 | 669 | 89 | 295 | 65 | 34 | 15 | 2528 | 371 |

3. आवृत्ति (प्रतिघटत समय में)

| तिथि | 49.7-49.8 | | <49.7 | | 49.7-50.2 | | >50.2 | | Average | | FVI | |
|------------|-----------|------------|----------|------------|-----------|------------|----------|------------|----------|------------|----------|------------|
| | न्यू गिड | दक्षिण गिड | न्यू गिड | दक्षिण गिड | न्यू गिड | दक्षिण गिड | न्यू गिड | दक्षिण गिड | न्यू गिड | दक्षिण गिड | न्यू गिड | दक्षिण गिड |
| 14-10-2013 | 1.0 | 12.8 | 0.7 | 2.6 | 87.4 | 96.0 | 11.9 | 1.4 | 50.06 | 49.94 | 0.20 | 0.20 |
| 15-10-2013 | 10.6 | 23.8 | 2.8 | 11.7 | 94.4 | 86.6 | 2.8 | 1.7 | 49.96 | 49.88 | 0.19 | 0.38 |
| 16-10-2013 | 2.8 | 25.4 | 0.3 | 11.1 | 93.8 | 88.6 | 5.9 | 0.3 | 50.02 | 49.86 | 0.14 | 0.36 |
| 17-10-2013 | 0.9 | 21.0 | 1.4 | 12.5 | 85.0 | 84.3 | 13.6 | 3.2 | 50.06 | 49.89 | 0.25 | 0.39 |
| 18-10-2013 | 0.9 | 25.0 | 0.3 | 9.5 | 95.5 | 89.7 | 4.2 | 0.8 | 50.02 | 49.87 | 0.14 | 0.36 |
| 19-10-2013 | 4.0 | 12.8 | 0.8 | 4.0 | 95.1 | 90.1 | 4.1 | 5.9 | 49.99 | 49.95 | 0.14 | 0.27 |
| 20-10-2013 | 3.2 | 4.5 | 0.2 | 0.3 | 97.1 | 86.9 | 2.7 | 12.8 | 50.28 | 50.03 | 0.92 | 0.22 |

4. New Element Commissioned:-

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Yojita Jaiswal
DGM (SO) 22/10/13

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

| Region | Date | 14-10-2013 | | 15-10-2013 | | 16-10-2013 | | 17-10-2013 | | 18-10-2013 | | 19-10-2013 | | 20-10-2013 | |
|--------|-------------------|--------------------------------|------------------|--------------------------------|------------------|--------------------------------|------------------|--------------------------------|------------------|--------------------------------|------------------|--------------------------------|------------------|--------------------------------|------------------|
| | 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 | 5269 | 0 | 5220 | 0 | 5279 | 0 | 5279 | 0 | 5377 | 0 | 5258 | 0 | 5002 | 0 |
| | Haryana | 5312 | 93 | 5360 | 1067 | 6007 | 437 | 5892 | 0 | 5861 | 0 | 5607 | 0 | 5240 | 0 |
| | Rajasthan | 6887 | 0 | 6672 | 0 | 6933 | 0 | 6900 | 0 | 7040 | 0 | 7143 | 0 | 6812 | 0 |
| | Delhi | 3917 | 0 | 3923 | 30 | 3803 | 0 | 3930 | 0 | 3957 | 0 | 3664 | 0 | 3312 | 10 |
| | UP | 9037 | 1930 | 9241 | 2870 | 9568 | 2100 | 9358 | 0 | 9802 | 2100 | 9685 | 2170 | 9333 | 2230 |
| | Uttarakhand | 1441 | 0 | 1386 | 115 | 1432 | 155 | 1670 | 0 | 1572 | 75 | 1495 | 75 | 1401 | 75 |
| | HP | 1205 | 0 | 1214 | 0 | 1255 | 0 | 1216 | 0 | 1245 | 0 | 1227 | 0 | 1126 | 0 |
| | J&K | 1629 | 100 | 1656 | 100 | 1863 | 100 | 1784 | 0 | 1810 | 100 | 1597 | 100 | 1593 | 100 |
| | Chandigarh | 208 | 0 | 215 | 0 | 215 | 0 | 216 | 0 | 212 | 0 | 199 | 0 | 177 | 0 |
| WR | Chhattisgarh | 2201 | 20 | 2659 | 39 | 2621 | 19 | 2689 | 0 | 2693 | 19 | 2665 | 19 | 2861 | 19 |
| | Gujarat | 99 | 33 | 1079 | 108 | 10272 | 11 | 10591 | 0 | 10656 | 3 | 10835 | 18 | 10239 | 7 |
| | MP | 5615 | 2 | 6166 | 47 | 6333 | 0 | 6491 | 0 | 6546 | 0 | 6701 | 0 | 6507 | 0 |
| | Maharashtra | 14969 | 415 | 15752 | 323 | 15489 | 123 | 15457 | 0 | 15640 | 76 | 15686 | 289 | 15661 | 271 |
| | Goa | 405 | 20 | 402 | 3 | 396 | 0 | 407 | 0 | 375 | 0 | 405 | 0 | 371 | 0 |
| | DD | 242 | 0 | 270 | 2 | 267 | 0 | 271 | 0 | 259 | 0 | 267 | 0 | 260 | 0 |
| | DNH | 617 | 0 | 653 | 5 | 637 | 0 | 656 | 0 | 649 | 0 | 648 | 0 | 643 | 0 |
| | Essar steel | 283 | 0 | 279 | 2 | 324 | 0 | 361 | 0 | 27 | 0 | 269 | 0 | 259 | 0 |
| SR | Andhra Pradesh | 10426 | 0 | 10249 | 800 | 10400 | 1500 | 10781 | 0 | 11268 | 1000 | 11125 | 0 | 10835 | 0 |
| | Karnataka | 7248 | 500 | 7394 | 600 | 7323 | 300 | 7378 | 0 | 7398 | 600 | 7491 | 600 | 7049 | 300 |
| | Kerala | 2990 | 450 | 3238 | 150 | 3079 | 150 | 3155 | 0 | 2814 | 150 | 3016 | 150 | 3011 | 25 |
| | Tamil Nadu | 11290 | 615 | 11129 | 599 | 11137 | 672 | 11126 | 0 | 11105 | 1024 | 10221 | 1763 | 9584 | 614 |
| | Pondy | 283 | 50 | 286 | 50 | 289 | 59 | 294 | 0 | 296 | 0 | 300 | 25 | 264 | 0 |
| ER | Bihar | 736 | 1200 | 1459 | 250 | 1895 | 250 | 2028 | 0 | 1930 | 0 | 2183 | 100 | 2041 | 300 |
| | DVC | 2049 | 0 | 2290 | 0 | 2415 | 0 | 2492 | 0 | 2553 | 0 | 2506 | 400 | 2488 | 0 |
| | Jharkhand | 625 | 0 | 828 | 0 | 1018 | 186 | 942 | 0 | 928 | 0 | 920 | 0 | 1001 | 0 |
| | Odisha | 2147 | 0 | 2672 | 0 | 2942 | 0 | 3085 | 0 | 3306 | 0 | 3341 | 0 | 3071 | 0 |
| | West Bengal | 5181 | 0 | 5937 | 0 | 6134 | 0 | 6435 | 0 | 6560 | 0 | 6686 | 15 | 6093 | 7 |
| | Sikkim | 66 | 0 | 68 | 0 | 116 | 0 | 84 | 0 | 86 | 0 | 79 | 0 | 83 | 0 |
| NER | Arunachal Pradesh | 95 | 4 | 95 | 2 | 96 | 1 | 105 | 0 | 105 | 4 | 108 | 1 | 106 | 3 |
| | Assam | 1095 | 53 | 1140 | 69 | 1150 | 68 | 1169 | 0 | 1120 | 124 | 1165 | 101 | 1123 | 143 |
| | Manipur | 96 | 3 | 89 | 2 | 94 | 1 | 96 | 0 | 108 | 2 | 107 | 3 | 101 | 2 |
| | Meghalaya | 246 | 1 | 250 | 2 | 250 | 2 | 243 | 0 | 235 | 5 | 247 | 2 | 245 | 3 |
| | Mizoram | 52 | 4 | 55 | 2 | 56 | 4 | 57 | 0 | 55 | 5 | 58 | 2 | 57 | 1 |
| | Nagaland | 97 | 3 | 92 | 4 | 95 | 1 | 97 | 0 | 92 | 6 | 95 | 3 | 92 | 6 |
| | Tripura | 225 | 0 | 232 | 1 | 236 | 0 | 232 | 0 | 237 | 1 | 229 | 1 | 206 | 24 |

6. Energy Consumption in States (MUs)

| Region | States | 14-10-2013 | 15-10-2013 | 16-10-2013 | 17-10-2013 | 18-10-2013 | 19-10-2013 | 20-10-2013 |
|--------|-------------------|------------|------------|------------|------------|------------|------------|------------|
| NR | Punjab | 107.2 | 107.4 | 112.1 | 113.6 | 113.0 | 110.2 | 107.5 |
| | Haryana | 100.7 | 106.5 | 115.3 | 108.0 | 114.9 | 111.7 | 102.9 |
| | Rajasthan | 143.1 | 143.5 | 151.1 | 148.3 | 150.9 | 150.5 | 148.0 |
| | Delhi | 76.8 | 81.5 | 75.8 | 78.5 | 79.6 | 73.4 | 66.8 |
| | UP | 190.6 | 190.5 | 211.6 | 208.4 | 216.1 | 213.8 | 207.5 |
| | Uttarakhand | 29.4 | 29.1 | 27.4 | 31.9 | 31.3 | 29.6 | 28.8 |
| | HP | 22.3 | 22.4 | 24.3 | 24.1 | 24.7 | 23.7 | 21.9 |
| | J&K | 31.1 | 31.7 | 35.1 | 34.0 | 35.9 | 31.4 | 32.5 |
| | Chandigarh | 4.0 | 4.2 | 4.0 | 4.0 | 3.8 | 3.7 | 3.2 |
| WR | Chhattisgarh | 52.3 | 56.1 | 58.8 | 59.4 | 59.7 | 58.8 | 59.7 |
| | Gujarat | 209.7 | 220.3 | 222.8 | 228.4 | 231.9 | 234.4 | 229.4 |
| | MP | 113.0 | 119.0 | 126.1 | 129.1 | 130.8 | 133.9 | 134.4 |
| | Maharashtra | 326.4 | 343.9 | 344.4 | 344.7 | 338.8 | 347.5 | 352.3 |
| | Goa | 8.0 | 8.6 | 8.4 | 8.4 | 8.2 | 8.5 | 7.8 |
| | DD | 5.0 | 6.2 | 6.3 | 6.3 | 5.1 | 6.0 | 6.2 |
| | DNH | 13.9 | 15.0 | 14.7 | 14.9 | 15.3 | 15.2 | 15.0 |
| | Essar steel | 6.0 | 6.0 | 6.4 | 7.2 | 5.9 | 5.2 | 5.6 |
| SR | Andhra Pradesh | 236.4 | 231.7 | 236.2 | 238.0 | 248.1 | 253.4 | 251.8 |
| | Karnataka | 150.8 | 157.9 | 155.4 | 155.2 | 157.5 | 156.2 | 145.2 |
| | Kerala | 56.1 | 60.5 | 57.6 | 56.5 | 56.9 | 56.1 | 51.8 |
| | Tamil Nadu | 245.8 | 251.4 | 248.9 | 246.8 | 245.5 | 232.4 | 214.3 |
| | Pondy | 5.6 | 6.1 | 6.1 | 6.2 | 6.4 | 6.4 | 5.4 |
| ER | Bihar | 9.6 | 20.9 | 31.3 | 37.8 | 38.6 | 38.6 | 38.3 |
| | DVC | 40.1 | 47.7 | 49.8 | 54.0 | 56.1 | 55.9 | 56.0 |
| | Jharkhand | 9.7 | 15.3 | 18.6 | 19.9 | 19.8 | 19.8 | 18.9 |
| | Odisha | 34.7 | 49.5 | 55.4 | 59.1 | 63.1 | 65.8 | 65.3 |
| | West Bengal | 83.6 | 103.5 | 114.6 | 116.0 | 119.4 | 120.6 | 115.4 |
| | Sikkim | 0.9 | 1.1 | 1.1 | 1.3 | 1.5 | 1.5 | 1.5 |
| NER | Arunachal Pradesh | 1.3 | 1.1 | 1.4 | 1.2 | 1.3 | 1.4 | 1.6 |
| | Assam | 18.9 | 20.3 | 21.5 | 23.0 | 23.4 | 22.7 | 20.9 |
| | Manipur | 1.4 | 1.2 | 1.4 | 1.3 | 1.4 | 1.4 | 1.3 |
| | Meghalaya | 4.2 | 4.2 | 4.3 | 4.1 | 4.4 | 4.3 | 4.6 |
| | Mizoram | 1.0 | 1.0 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 |
| | Nagaland | 1.4 | 1.2 | 1.5 | 1.4 | 1.4 | 1.4 | 1.4 |
| | Tripura | 3.9 | 3.7 | 3.9 | 3.4 | 3.8 | 3.7 | 3.4 |

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

साप्ताहिक रिपोर्ट (14 अक्टूबर-2013 से -20 अक्टूबर -2013 तक)
(आई० ई० जी० सी० की धारा संख्या-5.5.1 के अंतर्गत)

7. अंतर्क्षेत्रीय विनिमय

| दिनांक | 14-10-2013 | 15-10-2013 | 16-10-2013 | 17-10-2013 | 18-10-2013 | 19-10-2013 | 20-10-2013 |
|--------------------|------------|------------|------------|------------|------------|------------|------------|
| East to North | -62.3 | -50.0 | -53.5 | -49.5 | -48.0 | -42.4 | -36.9 |
| East to West | -15.9 | -11.5 | -10.1 | -10.8 | -13.1 | -13.1 | -9.2 |
| East to South | -22.5 | -11.5 | -21.9 | -20.8 | -21.0 | -20.7 | -18.9 |
| East to North-East | -3.7 | -2.7 | -6.9 | -6.1 | -4.1 | -3.7 | -1.3 |
| West to North | -21.6 | -26.8 | -32.4 | -28.2 | -19.0 | -24.7 | -15.1 |
| West to South | -21.9 | -22.4 | -22.3 | -22.6 | -22.1 | -20.9 | -21.0 |

8). Major Grid Incidences(Provisional):-

| Outage | | Region | Name of Element | Owner / Agency | Event | Generation/Load Loss | Revival | | Category as per CEA Grid Standards |
|----------|----------|--------|--|----------------|--|----------------------|----------|----------|------------------------------------|
| Date | Time | | | | | | Date | Time | |
| 16.10.13 | 1107 hrs | WR | 1) 220 kV Amarkantak-Annupur-I 2) 220 kV Amarkantak-JBL-I 3)220 kV Amarkantak-Sukha S/C 4)220 kV Amarkantak-Sidhi S/C 5) Amarkantak Unit-III(120 MW) & V(210 MW) | MPSEB | Due to BusBar protection operation at 220 kV Amarkantak the lines given in Column D tripped and which led to the tripping of units on loss of evacuation path. | Gen. Loss=240 MW | 16.10.13 | 1211 hrs | GD-I |
| 18.10.13 | 1232 hrs | NR | 1) 220 kV Lehra Mohabbat-Barnala 2) Lehra Mohabbat Unit-III & IV(250 MW each) | PSEB | Due to Y-Phase CT blast of 220 kV Lehra Mohabbat-Barnala line, generation tripped on loss of evacuation. | Gen. Loss=300 MW | 18.10.13 | 1623 hrs | GD-I |
| 22.10.13 | 1003 hrs | WR | 1) 220 kV Korba(E)-Budhipadar-D/C 2) 220 kV Korba(E)-Raigarh | CSEB | Due to heavy sparking occurring in 220 kV/6.6 kV station transformer isolator at Korba(East) S/S of CSEB,consequently running units in Korba(East) tripped. | Gen. Loss=160 MW | 22.10.13 | | GD-I |