



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

Report for previous day

Date of Reporting

21-May-13

A. Maximum Demand

|  | NR    | WR    | SR    | ER    | NER   | Total  |
|--|-------|-------|-------|-------|-------|--------|
| Demand Met during Evening Peak hrs(MW) | 36740 | 34720 | 29544 | 14466 | 1763  | 117233 |
| Peak Shortage (MW)                     | 1466  | 574   | 5400  | 220   | 259   | 7919   |
| Energy Met (MU)                        | 891   | 859   | 689   | 309   | 31    | 2779   |
| Hydro Gen(MU)                          | 267   | 50    | 35    | 49    | 14    | 415    |
| Wind Gen(MU)                           | 20    | 29    | 44    | ----- | ----- | 93     |

B. Frequency Profile (%)

| Region   | <49.2 | 49.2-49.5 | 49.5-49.7 | 49.7-49.8 | <49.7 | 49.7-50.2 | > 50.2 |
|----------|-------|-----------|-----------|-----------|-------|-----------|--------|
| NEW GRID | 0.0   | 0.0       | 2.4       | 6.3       | 2.4   | 90.8      | 6.8    |
| SR GRID  | 0.0   | 0.0       | 7.5       | 22.8      | 7.5   | 84.6      | 7.9    |

C. Power Supply Position in States

| Region  | States            | Max. Demand Met during the day (MW) | Peak hour Shortage (MW) | Energy Met (MU) | Drawal Schedule (MU) | OD(+)/UD(-) (MU) | Max OD (MW) |
|---------|-------------------|-------------------------------------|-------------------------|-----------------|----------------------|------------------|-------------|
| NR      | Punjab            | 6992                                | 0                       | 149.8           | 98.5                 | 0.7              | 159         |
|         | Haryana           | 6041                                | 0                       | 134.5           | 75.9                 | -2.8             | 364         |
|         | Rajasthan         | 7500                                | 0                       | 166.5           | 60.2                 | -0.3             | 695         |
|         | Delhi             | 4713                                | 6                       | 99.6            | 74.7                 | -4.0             | 194         |
|         | UP                | 11314                               | 1360                    | 245.8           | 108.5                | -1.0             | 442         |
|         | Uttarakhand       | 1668                                | 0                       | 35.8            | 19.6                 | -0.9             | 98          |
|         | HP                | 1156                                | 0                       | 24.5            | 5.9                  | -2.8             | 10          |
|         | J&K               | 1506                                | 100                     | 28.8            | 20.5                 | -5.2             | 109         |
| WR      | Chhattisgarh      | 300                                 | 0                       | 5.7             | 5.3                  | 0.3              | 51          |
|         | Gujarat           | 2956                                | 56                      | 66.5            | 19.6                 | -4.5             | 326         |
|         | MP                | 11856                               | 23                      | 261.1           | 57.2                 | -3.3             | 385         |
|         | Maharashtra       | 6915                                | 0                       | 138.9           | 78.6                 | -0.9             | 403         |
|         | Goa               | 17031                               | 495                     | 366.2           | 120.0                | 1.5              | 481         |
|         | DD                | 353                                 | 0                       | 7.0             | 7.3                  | -0.7             | 40          |
|         | DNH               | 252                                 | 0                       | 5.9             | 6.2                  | -0.3             | 36          |
| SR      | Andhra Pradesh    | 577                                 | 0                       | 13.6            | 13.5                 | 0.1              | 48          |
|         | Karnataka         | 10866                               | 1800                    | 239.8           | 88.3                 | 3.2              | 395         |
|         | Kerala            | 7075                                | 400                     | 149.4           | 24.2                 | -1.0             | 508         |
|         | Tamil Nadu        | 2687                                | 500                     | 54.5            | 39.7                 | 1.8              | 308         |
|         | Pondy             | 11675                               | 2700                    | 238.9           | 63.5                 | 1.8              | 609         |
| ER      | Bihar             | 312                                 | 0                       | 6.3             | 7.3                  | -1.0             | 22          |
|         | DVC               | 1587                                | 220                     | 36.0            | 35.4                 | 0.6              | 150         |
|         | Jharkhand         | 2603                                | 0                       | 55.5            | -28.7                | -2.9             | 200         |
|         | Odisha            | 1002                                | 0                       | 20.7            | 10.2                 | 0.3              | 50          |
|         | West Bengal       | 3591                                | 0                       | 72.2            | 7.9                  | 0.9              | 380         |
| NER     | Sikkim            | 6260                                | 0                       | 122.8           | 31.3                 | 4.1              | 823         |
|         | Arunachal Pradesh | 117                                 | 0                       | 2.0             | 0.6                  | 1.3              | 52          |
|         | Assam             | 98                                  | 2                       | 1.4             | 1.4                  | -0.1             | 29          |
|         | Manipur           | 1020                                | 159                     | 18.6            | 12.7                 | 0.2              | 89          |
|         | Meghalaya         | 95                                  | 5                       | 1.2             | 1.9                  | -0.7             | 23          |
|         | Mizoram           | 286                                 | 4                       | 4.5             | 0.8                  | 0.4              | 72          |
|         | Nagaland          | 50                                  | 10                      | 1.0             | 1.0                  | 0.0              | 10          |
| Tripura | 87                | 4                                   | 1.5                     | 1.2             | -0.1                 | 14               |             |
|         |                   | 185                                 | 12                      | 2.8             | 1.4                  | -0.2             | 39          |

D. Import/export By Regions(in MU) - Import(+ve)/Export(-ve); OD(+)/UD(-)

|              | NR   | WR    | SR   | ER    | NER  |
|--------------|------|-------|------|-------|------|
| Schedule(MU) | 90.2 | -49.5 | 54.6 | -98.2 | 5.3  |
| Actual(MU)   | 88.0 | -56.4 | 54.3 | -85.3 | 1.6  |
| O/D/U/D(MU)  | -2.2 | -6.9  | -0.3 | 12.9  | -3.7 |

E. Generation Outage(MW)

|                | NR   | WR    | SR   | ER   | NER | Total |
|----------------|------|-------|------|------|-----|-------|
| Central Sector | 2865 | 5158  | 970  | 700  | 125 | 9818  |
| State Sector   | 4185 | 7876  | 1396 | 3739 | 119 | 17314 |
| Total          | 7050 | 13034 | 2366 | 4439 | 244 | 27132 |

सचिव(ऊर्जा)/ विशेष सचिव(ऊर्जा)/अतिरिक्त सचिव(ऊर्जा)/संयुक्त सचिव(पारिषण)/(ओ एम)/निदेशक(ओ एम)/मुख्य अभियंता-के०वि०प्रा०(ग्रि०प्र०)/  
अध्यक्ष एवं प्रबंध निदेशक (पावरग्रिड)/मुख्य कार्यपालक अधिकारी(पोसोको)

महाप्रबंधक (रा० भा० प्रे० के०)

| <b>INTER-REGIONAL EXCHANGES</b>       |               |                        |         |                 |                 |                               |              |              |
|---------------------------------------|---------------|------------------------|---------|-----------------|-----------------|-------------------------------|--------------|--------------|
|                                       |               |                        |         |                 |                 | Date of Reporting : 21-May-13 |              |              |
|                                       |               |                        |         |                 |                 | Import=(+ve) /Export =(-ve)   |              |              |
| Sl No                                 | Voltage Level | Line Details           | Circuit | Max Import (MW) | Max Export (MW) | Import (MU)                   | Export (MU)  | NET (MU)     |
| <b>Import/Export of ER (With NR)</b>  |               |                        |         |                 |                 |                               |              |              |
| 1                                     | 765KV         | GAYA-FATEHPUR          | S/C     | 10              | -283            | 0                             | -3.1         | -3.1         |
| 2                                     | HVDC LINK     | SASARAM B/B            | D/C     | 100             | -150            | 2                             | 0.0          | 2.3          |
| 3                                     |               | SASARAM-SARNATH        | S/C     | 0               | 0               | 0                             | 0            | 0            |
| 4                                     |               | SASARAM-ALLAHABAD      | S/C     | 0               | 0               | 0                             | 0            | 0            |
| 5                                     | 400 KV        | MUZAFFARPUR-GORAKHPUR  | D/C     | 0               | -728            | 0                             | -12          | -12          |
| 6                                     |               | PATNA-BALIA            | D/C     | 0               | -282            | 0                             | -8.6         | -8.6         |
| 7                                     |               | BIHARSHARIFF-BALIA     | D/C     | 29              | -315            | 0                             | -5.5         | -5.5         |
| 8                                     | 220 KV        | BALIA-SASARAM          | S/C     | 42              | -50             | 0.0                           | 0            | -0.2         |
| 9                                     |               | PATNA-BALIA            | D/C     | 0               | -397            | 0                             | 0            | 0            |
| 10                                    | 220 KV        | SASARAM-SAHUPURI       | S/C     | 0               | -199            | 0                             | -3.9         | -3.9         |
| 11                                    | 132 KV        | SONE NAGAR-RIHAND      | S/C     | 0               | 0               | 0                             | 0            | 0            |
| 12                                    |               | GARWAH-RIHAND          | S/C     | 26              | 0               | 1.0                           | 0            | 1.0          |
| 13                                    |               | KARMANASA-SAHUPURI     | S/C     | 0               | 0               | 0                             | 0            | 0            |
| 14                                    |               | KARMANASA-CHANDAULI    | S/C     | 0               | 0               | 0                             | 0            | 0            |
| <b>ER-NR</b>                          |               |                        |         |                 |                 | <b>3</b>                      | <b>-33.7</b> | <b>-30.5</b> |
| <b>Import/Export of ER (With WR)</b>  |               |                        |         |                 |                 |                               |              |              |
| 15                                    | 400 KV        | ROURKELA-RAIGARH       | T/C     | 0               | -496            | 0.0                           | -1           | -1.0         |
| 16                                    |               | STERLITE-RAIGARH       | S/C     | 0               | -593            | 0                             | -15.8        | -15.8        |
| 17                                    |               | RANCHI-SIPAT           | D/C     | 162             | -278            | 0                             | -1.8         | -1.8         |
| 18                                    | 220 KV        | BUDHIPADAR-RAIGARH     | S/C     | 0               | -134            | 0                             | -1.7         | -1.7         |
| 19                                    |               | BUDHIPADAR-KORBA       | D/C     | 0               | -123            | 0                             | -2           | -1.6         |
| <b>ER-WR</b>                          |               |                        |         |                 |                 | <b>0.0</b>                    | <b>-22.0</b> | <b>-22.0</b> |
| <b>Import/Export of ER (With SR)</b>  |               |                        |         |                 |                 |                               |              |              |
| 20                                    | HVDC LINK     | JEYPORE-GAZUWAKA B/B   | D/C     | 0               | -579            | 0                             | -14.7        | -14.7        |
| 21                                    |               | TALCHER-KOLAR BIPOLE   | D/C     | 0               | -1982           | 0                             | -46.7        | -46.7        |
| 22                                    | 400 KV        | TALCHER-I/C            |         | 0               | -768            | 0                             | -16.6        | -16.6        |
| 23                                    | 220 KV        | BALIMELA-UPPER-SILERRU | S/C     | 0               | 0               | 0                             | 0            | 0            |
| <b>ER-SR</b>                          |               |                        |         |                 |                 | <b>0</b>                      | <b>-31.3</b> | <b>-31.3</b> |
| <b>Import/Export of ER (With NER)</b> |               |                        |         |                 |                 |                               |              |              |
| 24                                    | 400 KV        | BINAGURI-BONGAIGAON    | D/C     | 118             | -304            | 0                             | -0.8         | -0.8         |
| 25                                    | 220 KV        | BIRPARA-SALAKATI       | D/C     | 28              | -62             | 0                             | -0.2         | -0.2         |
| <b>ER-NER</b>                         |               |                        |         |                 |                 | <b>0</b>                      | <b>-1.0</b>  | <b>-1.0</b>  |
| <b>Import/Export of WR (With NR)</b>  |               |                        |         |                 |                 |                               |              |              |
| 26                                    | HVDC          | V'CHAL B/B             | D/C     | 0               | -300            | 0                             | -6           | -5.6         |
| 27                                    | 765 KV        | GWALIOR-AGRA           | D/C     | 0               | -1260           | 0                             | -23.7        | -23.7        |
| 28                                    | 400 KV        | ZERDA-KANKROLI         | S/C     | 3               | -59             | 3.0                           | 0            | 3.0          |
| 29                                    | 400 KV        | ZERDA -BHINMAL         | S/C     | 2               | -180            | 1.8                           | 0            | 1.8          |
| 30                                    | 220 KV        | BADOD-KOTA             | S/C     | 1               | 0               | 1.5                           | 0            | 1.5          |
| 31                                    |               | BADOD-MORAK            | S/C     | 0               | -17             | 0.3                           | 0            | 0.2          |
| 32                                    |               | MEHGAON-AURAIYA        | S/C     | 0               | 0               | 0.0                           | 0            | 0.0          |
| 33                                    |               | MALANPUR-AURAIYA       | S/C     | 0               | 0               | 0.0                           | 0            | 0.0          |
| 34                                    | 132KV         | GWALIOR-SAWAI MADHOPUR | S/C     | 0               | 0               | 0                             | 0            | 0            |
| <b>WR-NR</b>                          |               |                        |         |                 |                 | <b>6.6</b>                    | <b>-29.5</b> | <b>-22.8</b> |
| 35                                    | HVDC          | APL -MHG               | D/C     | 0               | 1460            | 0                             | -23.4        | -23.4        |
| <b>Import/Export of WR (With SR)</b>  |               |                        |         |                 |                 |                               |              |              |
| 36                                    | HVDC          | BHADRAWATI B/B         | -       | 0               | -995            | 0                             | -23.684      | -24          |
| 37                                    | LINK          | BARSUR-L.SILERU        | -       | 0               | 0               | 0                             | 0            | 0            |
| 38                                    | 220 KV        | KOLHAPUR-CHIKODI       | D/C     | 0               | 0               | 0                             | 0            | 0            |
| 39                                    |               | PONDA-AMBEWADI         | S/C     | 0               | 0               | 0                             | 0            | 0            |
| 40                                    |               | XELDEM-AMBEWADI        | S/C     | 2.144           | 0               | 2.1                           | 0            | 2.1          |
| <b>WR-SR</b>                          |               |                        |         |                 |                 | <b>2.1</b>                    | <b>0</b>     | <b>-21.5</b> |
| <b>TRANSNATIONAL EXCHANGE</b>         |               |                        |         |                 |                 |                               |              |              |
| 41                                    |               | BHUTAN                 |         |                 |                 |                               |              | <b>8.6</b>   |