



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

Report for previous day

Date of Reporting

5-Jun-14

**A. Maximum Demand**

|  | NR    | WR    | SR    | ER    | NER   | Total  |
|--|-------|-------|-------|-------|-------|--------|
| Demand Met during Evening Peak hrs(MW) | 40333 | 39061 | 31425 | 15606 | 1864  | 128289 |
| Peak Shortage (MW)                     | 2165  | 1442  | 2550  | 400   | 379   | 6936   |
| Energy Met (MU)                        | 946   | 952   | 734   | 343   | 35    | 3011   |
| Hydro Gen(MU)                          | 234   | 29    | 62    | 52    | 5     | 382    |
| Wind Gen(MU)                           | 8     | 36    | 73    | ----- | ----- | 117    |

**B. Frequency Profile (%)**

| Region   | <49.2 | <49.7 | 49.7-49.8 | 49.8-49.9 | <49.9 | 49.9-50.05 | > 50.05 |
|----------|-------|-------|-----------|-----------|-------|------------|---------|
| NEW GRID | 0.00  | 8.36  | 16.30     | 25.70     | 50.38 | 40.95      | 8.67    |
| SR GRID  | 0.00  | 8.36  | 16.30     | 25.70     | 50.38 | 40.95      | 8.67    |

**C.Power Supply Position in States**

| Region/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            | 7069                                | 0                       | 149.6           | 87.9                 | -0.3             | 107         |
|               | Haryana           | 6486                                | 0                       | 138.5           | 93.2                 | -0.5             | 141         |
|               | Rajasthan         | 8430                                | 0                       | 188.0           | 61.6                 | 1.8              | 396         |
|               | Delhi             | 4970                                | 0                       | 104.1           | 80.7                 | 1.6              | 401         |
|               | UP                | 12049                               | 1990                    | 271.4           | 130.2                | 6.0              | 838         |
|               | Uttarakhand       | 1649                                | 75                      | 35.5            | 18.6                 | 1.6              | 206         |
|               | HP                | 1156                                | 0                       | 24.8            | 3.5                  | -0.2             | 259         |
|               | J&K               | 1499                                | 100                     | 28.3            | 17.6                 | -2.1             | 126         |
| WR            | Chandigarh        | 318                                 | 0                       | 6.1             | 5.1                  | 1.0              | 82          |
|               | Chhattisgarh      | 3041                                | 128                     | 75.6            | 15.5                 | 4.5              | 171         |
|               | Gujarat           | 13399                               | 0                       | 289.5           | 47.6                 | -1.0             | 590         |
|               | MP                | 6770                                | 591                     | 149.3           | 78.3                 | 1.7              | 570         |
|               | Maharashtra       | 18529                               | 679                     | 398.7           | 134.5                | -0.9             | 1133        |
|               | Goa               | 418                                 | 37                      | 9.3             | 8.0                  | 1.0              | 0           |
|               | DD                | 263                                 | 1                       | 5.8             | 5.5                  | 0.3              | 58          |
|               | DNH               | 640                                 | 3                       | 14.8            | 14.5                 | 0.3              | 31          |
|               | Essar steel       | 422                                 | 2                       | 9.2             | 9.2                  | -0.1             | 11          |
|               | SR                | Andhra Pradesh                      | 5642                    | 1500            | 122.7                | 24.9             | 3.6         |
| Telangana     |                   | 5111                                | 0                       | 117.4           | 69.5                 | 0.2              | 397         |
| Karnataka     |                   | 7288                                | 300                     | 149.2           | 14.4                 | -1.1             | 422         |
| Kerala        |                   | 2883                                | 750                     | 61.0            | 34.7                 | 2.3              | 298         |
| Tamil Nadu    |                   | 12365                               | 0                       | 276.4           | 83.6                 | -2.4             | 415         |
| Pondy         |                   | 328                                 | 0                       | 6.9             | 7.1                  | -0.2             | 21          |
| ER            |                   | Bihar                               | 2427                    | 400             | 44.5                 | 41.3             | 0.7         |
|               | DVC               | 2572                                | 0                       | 56.6            | -13.2                | -1.0             | 200         |
|               | Jharkhand         | 1032                                | 0                       | 20.8            | 12.0                 | -0.4             | 50          |
|               | Odisha            | 3736                                | 0                       | 75.4            | 11.6                 | 3.0              | 220         |
|               | West Bengal       | 7113                                | 0                       | 144.5           | 36.6                 | 12.0             | 700         |
|               | Sikkim            | 82                                  | 0                       | 1.4             | 1.1                  | 0.3              | 25          |
| NER           | Arunachal Pradesh | 106                                 | 5                       | 1.6             | 1.3                  | 0.3              | 54          |
|               | Assam             | 1110                                | 305                     | 22.1            | 14.0                 | 3.4              | 172         |
|               | Manipur           | 110                                 | 5                       | 1.5             | 1.6                  | -0.1             | 24          |
|               | Meghalaya         | 275                                 | 13                      | 4.2             | 2.0                  | 0.0              | 48          |
|               | Mizoram           | 69                                  | 4                       | 1.0             | 1.0                  | -0.2             | 15          |
|               | Nagaland          | 97                                  | 5                       | 1.5             | 1.5                  | -0.2             | 30          |
|               | Tripura           | 226                                 | 43                      | 3.2             | 0.8                  | 0.2              | 73          |

**D. Transnational Exchanges (MU) - Import(+ve)/Export(-ve)**

|            | Bhutan | Nepal  | Bangladesh |
|------------|--------|--------|------------|
| Actual(MU) | 13.7   | -2.2   | -9.0       |
| Max MW     |        | -120.0 | -441.0     |

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

|              | NR    | WR    | SR   | ER    | NER |
|--------------|-------|-------|------|-------|-----|
| Schedule(MU) | 119.6 | -86.8 | 44.6 | -79.4 | 6.5 |
| Actual(MU)   | 119.8 | -99.3 | 40.4 | -67.7 | 9.5 |
| O/D/U/D(MU)  | 0.2   | -12.5 | -4.2 | 11.7  | 3.0 |

**F. Generation Outage(MW)**

|                | NR    | WR    | SR   | ER   | NER | Total |
|----------------|-------|-------|------|------|-----|-------|
| Central Sector | 3977  | 7949  | 1250 | 1280 | 445 | 14901 |
| State Sector   | 7035  | 9067  | 2300 | 5089 | 110 | 23600 |
| Total          | 11012 | 17016 | 3550 | 6369 | 555 | 38502 |

सचिव(ऊर्जा)/ विशेष सचिव(ऊर्जा)/अतिरिक्त सचिव(ऊर्जा)/संयुक्त सचिव(पारंपरण)/(ओ एम)/निदेशक(ओ एम)/मुख्य अभियंता-के०वि०प्रा०(शि०प्र०)/  
अध्यक्ष एवं प्रबंध निदेशक (पावरग्रिड)/मुख्य कार्यपालक अधिकारी(पोसोको)/सभी राज्यों के मुख्य सचिव/ऊर्जा सचिव

| <b>INTER-REGIONAL EXCHANGES</b>       |               |                        |                        |                 |                 | Date of Reporting : 5-Jun-14 |              |              |
|---------------------------------------|---------------|------------------------|------------------------|-----------------|-----------------|------------------------------|--------------|--------------|
|                                       |               |                        |                        |                 |                 | 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                    | 0               | 0               | 0                            | 0.0          | 0.0          |
| 2                                     |               | SASARAM-FATEHPUR       | D/C                    | 0               | 0               | 0                            | -1.7         | -1.7         |
| 3                                     | HVDC LINK     | PUSAULI B/B            | S/C                    | 0               | 0               | 0                            | -10          | -10          |
| 4                                     | 400 KV        | PUSAULI-SARNATH        | S/C                    | 0               | -258            | 0                            | -5           | -5           |
| 5                                     |               | PUSAULI -ALLAHABAD     | D/C                    | 0               | -196            | 0                            | -3           | -3           |
| 6                                     |               | MUZAFFARPUR-GORAKHPUR  | D/C                    | 81              | -494            | 0                            | -7.5         | -7.5         |
| 7                                     |               | PATNA-BALIA            | D/C                    | 0               | -223            | 0                            | -7.5         | -7.5         |
| 8                                     |               | BIHARSHARIF-BALIA      | S/C                    | 21              | -441            | 0                            | -7           | -6.7         |
| 9                                     | 220 KV        | PUSAULI-BALIA          | D/C                    | 134             | -9              | 2                            | 0            | 2            |
| 10                                    |               | PUSAULI-SAHUPURI       | S/C                    | 0               | -213            | 0                            | -3.9         | -3.9         |
| 11                                    | 132 KV        | SONE NAGAR-RIHAND      | S/C                    | 0               | 0               | 0                            | 0            | 0            |
| 12                                    |               | GARWAH-RIHAND          | S/C                    | 43              | 0               | 0                            | 0            | 0.0          |
| 13                                    |               | KARMANASA-SAHUPURI     | S/C                    | 84              | 0               | 0                            | 0            | 0            |
| 14                                    |               | KARMANASA-CHANDALI     | S/C                    | 0               | 0               | 0                            | 0            | 0            |
| <b>ER-NR</b>                          |               |                        |                        |                 |                 | <b>2</b>                     | <b>-45.6</b> | <b>-44.0</b> |
| <b>Import/Export of ER (With WR)</b>  |               |                        |                        |                 |                 |                              |              |              |
| 15                                    | 765 KV        | RANCHI-DHARAMJAIGARH   | S/C                    |                 |                 | 1.3                          | 0.0          | 1.3          |
| 16                                    | 400 KV        | JHARSUGUDA-RAIGARH     | D/C                    | 202             | -514            | 1.1                          | 0            | 1.1          |
| 17                                    |               | STERLITE-RAIGARH       | D/C                    | 0               | -363            | 0                            | 0.0          | 0.0          |
| 18                                    |               | RANCHI-SIPAT           | D/C                    | 236             | -54             | 3                            | 0.0          | 2.5          |
| 19                                    | 220 KV        | BUDHIPADAR-RAIGARH     | S/C                    | 0               | -189            | 0                            | 0.0          | 0.0          |
| 20                                    |               | BUDHIPADAR-KORBA       | D/C                    | 54              | -121            | 0                            | 0            | 0.0          |
| <b>ER-WR</b>                          |               |                        |                        |                 |                 | <b>4.9</b>                   | <b>0.0</b>   | <b>4.9</b>   |
| <b>Import/Export of ER (With SR)</b>  |               |                        |                        |                 |                 |                              |              |              |
| 21                                    | HVDC LINK     | JEYPORE-GAZUWAKA B/B   | D/C                    | 0               | -788            | 0                            | -15.2        | -15.2        |
| 22                                    | 400 KV        | TALCHER-KOLAR BIPOLE   | D/C                    | 0               | -2265           | 0                            | -38.2        | -38.2        |
| 23                                    |               | TALCHER-I/C            |                        | 638             | -926            | 0                            | -4.5         | -4.5         |
| 24                                    |               | 220 KV                 | BALIMELA-UPPER-SILERRU | S/C             | 0               | 0                            | 0            | 0.00         |
| <b>ER-SR</b>                          |               |                        |                        |                 |                 | <b>0</b>                     | <b>-19.7</b> | <b>-19.7</b> |
| <b>Import/Export of ER (With NER)</b> |               |                        |                        |                 |                 |                              |              |              |
| 25                                    | 400 KV        | BINAGURI-BONGAIGAON    | D/C                    | 0               | -412            | 0                            | -7.0         | -7.0         |
| 26                                    | 220 KV        | BIRPARA-SALAKATI       | D/C                    | 0               | -145            | 0                            | -2.6         | -2.6         |
| <b>ER-NER</b>                         |               |                        |                        |                 |                 | <b>0</b>                     | <b>-9.5</b>  | <b>-9.5</b>  |
| <b>Import/Export of WR (With NR)</b>  |               |                        |                        |                 |                 |                              |              |              |
| 27                                    | HVDC          | V'CHAL B/B             | D/C                    | 0               | -500            | 0                            | -9.791       | -9.8         |
| 28                                    | 765 KV        | GWALIOR-AGRA           | D/C                    | 0               | -2020           | 0                            | -35.9        | -35.9        |
| 29                                    | 400 KV        | ZERDA-KANKROLI         | S/C                    | 211             | -59             | 3.4                          | 0            | 3.4          |
| 30                                    | 400 KV        | ZERDA -BHINMAL         | S/C                    | 181             | -5              | 2.8                          | 0            | 2.8          |
| 31                                    | 220 KV        | BADOD-KOTA             | S/C                    | 70              | 0               | 1.3                          | 0            | 1.3          |
| 32                                    |               | BADOD-MORAK            | S/C                    | 43              | -12             | 0.6                          | 0            | 0.6          |
| 33                                    |               | MEHGAON-AURAIYA        | S/C                    | 55              | 0               | 0.8                          | 0            | 0.8          |
| 34                                    |               | MALANPUR-AURAIYA       | S/C                    | 32              | -7              | 0.3                          | 0            | 0.2          |
| 35                                    | 132KV         | GWALIOR-SAWAI MADHOPUR | S/C                    | 0               | 0               | 0                            | 0            | 0            |
| <b>WR-NR</b>                          |               |                        |                        |                 |                 | <b>9.1</b>                   | <b>-35.9</b> | <b>-36.6</b> |
| 36                                    | HVDC          | APL-MHG                | D/C                    | 0               | -2000           | 0                            | -48.4        | -48.4        |
| <b>Import/Export of WR (With SR)</b>  |               |                        |                        |                 |                 |                              |              |              |
| 37                                    | HVDC LINK     | BHADRAWATI B/B         | -                      | 0               | -1000           | 0                            | -22.177      | -22          |
| 38                                    | 765 KV        | BARSUR-L.SILERU        | -                      | 0               | 0               | 0                            | 0            | 0.0          |
| 39                                    |               | SOLAPUR-RAICHUR        | I                      | 391             | -236            | 0                            | 0            | 0.0          |
| 40                                    |               | KOLHAPUR-CHIKODI       | D/C                    | 0               | 0               | 0                            | 0            | 0.0          |
| 41                                    | 220 KV        | PONDA-AMBEWADI         | S/C                    | 0               | 0               | 0                            | 0            | 0.0          |
| 42                                    |               | XELDEM-AMBEWADI        | S/C                    | 82              | 0               | 1.6                          | 0.0          | 1.6          |
| <b>WR-SR</b>                          |               |                        |                        |                 |                 | <b>1.6</b>                   | <b>0</b>     | <b>-20.5</b> |
| <b>TRANSNATIONAL EXCHANGE</b>         |               |                        |                        |                 |                 |                              |              |              |
| 43                                    |               | BHUTAN                 |                        |                 |                 |                              |              | <b>13.7</b>  |
| 44                                    |               | NEPAL                  |                        |                 |                 |                              |              | <b>-2.2</b>  |
| 45                                    |               | BANGLADESH             |                        |                 |                 |                              |              | <b>-9.0</b>  |