



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

Report for previous day

Date of Reporting

8-Jun-14

**A. Maximum Demand**

|  | NR    | WR    | SR    | ER    | NER   | Total  |
|--|-------|-------|-------|-------|-------|--------|
| Demand Met during Evening Peak hrs(MW) | 41883 | 40604 | 31433 | 14828 | 1959  | 130707 |
| Peak Shortage (MW)                     | 1965  | 481   | 1950  | 0     | 330   | 4726   |
| Energy Met (MU)                        | 1012  | 958   | 740   | 350   | 36    | 3095   |
| Hydro Gen(MU)                          | 285   | 24    | 48    | 55    | 7     | 418    |
| Wind Gen(MU)                           | 15    | 47    | 92    | ----- | ----- | 153    |

**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  | 0.44  | 6.27      | 9.64      | 16.35 | 61.25      | 22.40   |
| SR GRID  | 0.00  | 0.44  | 6.27      | 9.64      | 16.35 | 61.25      | 22.40   |

**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            | 7535                                | 0                       | 166.5           | 94.6                 | -0.6             | 99          |
|               | Haryana           | 6717                                | 0                       | 149.7           | 97.8                 | -0.2             | 318         |
|               | Rajasthan         | 9009                                | 0                       | 202.8           | 84.5                 | 1.4              | 388         |
|               | Delhi             | 5026                                | 0                       | 107.3           | 81.7                 | -2.7             | 291         |
|               | UP                | 12518                               | 1790                    | 288.1           | 135.4                | 0.8              | 424         |
|               | Uttarakhand       | 1704                                | 75                      | 36.2            | 19.7                 | 0.5              | 130         |
|               | HP                | 1132                                | 0                       | 24.3            | 1.2                  | 0.0              | 76          |
|               | J&K               | 1573                                | 100                     | 30.8            | 18.3                 | -1.1             | 189         |
| WR            | Chandigarh        | 312                                 | 0                       | 6.2             | 5.3                  | 0.9              | 85          |
|               | Chhattisgarh      | 3102                                | 63                      | 73.1            | 18.0                 | 0.4              | 171         |
|               | Gujarat           | 13455                               | 51                      | 294.2           | 48.5                 | -1.9             | 590         |
|               | MP                | 7120                                | 32                      | 156.5           | 89.2                 | -0.3             | 570         |
|               | Maharashtra       | 17439                               | 277                     | 393.7           | 117.0                | -2.0             | 1133        |
|               | Goa               | 429                                 | 52                      | 9.8             | 8.0                  | 1.4              | 0           |
|               | DD                | 262                                 | 1                       | 5.9             | 5.5                  | 0.3              | 58          |
|               | DNH               | 640                                 | 3                       | 14.9            | 14.7                 | 0.2              | 31          |
| SR            | Essar steel       | 465                                 | 2                       | 9.7             | 9.6                  | 0.1              | 11          |
|               | Andhra Pradesh    | 5488                                | 500                     | 129.1           | 22.5                 | 4.2              | 629         |
|               | Telangana         | 5472                                | 500                     | 126.1           | 72.3                 | 5.8              | 449         |
|               | Karnataka         | 7307                                | 300                     | 143.8           | 14.6                 | -0.2             | 289         |
|               | Kerala            | 2627                                | 650                     | 57.5            | 35.0                 | 2.6              | 598         |
|               | Tamil Nadu        | 12512                               | 0                       | 276.7           | 90.0                 | -2.7             | 417         |
|               | Pondy             | 334                                 | 0                       | 7.0             | 7.1                  | -0.1             | 29          |
|               | ER                | Bihar                               | 2242                    | 0               | 46.6                 | 43.0             | 1.1         |
| DVC           |                   | 2539                                | 0                       | 57.8            | -20.4                | -0.5             | 230         |
| Jharkhand     |                   | 1057                                | 0                       | 22.1            | 11.7                 | -0.5             | 130         |
| Odisha        |                   | 3690                                | 0                       | 77.0            | 17.5                 | 2.0              | 310         |
| West Bengal   |                   | 6526                                | 0                       | 144.8           | 30.8                 | 4.4              | 480         |
| Sikkim        |                   | 87                                  | 0                       | 1.3             | 1.0                  | 0.3              | 41          |
| NER           | Arunachal Pradesh | 104                                 | 14                      | 1.6             | 1.3                  | 0.3              | 46          |
|               | Assam             | 1165                                | 220                     | 22.7            | 14.7                 | 2.7              | 153         |
|               | Manipur           | 108                                 | 15                      | 1.5             | 1.7                  | -0.2             | 19          |
|               | Meghalaya         | 265                                 | 19                      | 4.3             | 1.1                  | -0.4             | 33          |
|               | Mizoram           | 73                                  | 5                       | 1.0             | 0.9                  | -0.2             | 15          |
|               | Nagaland          | 96                                  | 6                       | 1.4             | 1.6                  | -0.4             | 18          |
|               | Tripura           | 220                                 | 52                      | 3.3             | 1.1                  | 0.0              | 73          |

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

|            | Bhutan | Nepal  | Bangladesh |
|------------|--------|--------|------------|
| Actual(MU) | 12.1   | -2.2   | -9.2       |
| Max MW     |        | -129.9 | -453.0     |

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

|              | NR    | WR     | SR   | ER    | NER |
|--------------|-------|--------|------|-------|-----|
| Schedule(MU) | 138.3 | -93.6  | 36.1 | -84.1 | 5.7 |
| Actual(MU)   | 136.7 | -102.5 | 37.8 | -78.5 | 7.0 |
| O/D/U/D(MU)  | -1.6  | -8.9   | 1.7  | 5.6   | 1.3 |

**F. Generation Outage(MW)**

|                | NR   | WR    | SR   | ER   | NER | Total |
|----------------|------|-------|------|------|-----|-------|
| Central Sector | 3500 | 8008  | 1180 | 1780 | 445 | 14913 |
| State Sector   | 5005 | 8990  | 2030 | 4369 | 110 | 20503 |
| Total          | 8505 | 16998 | 3210 | 6149 | 555 | 35417 |

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 : 8-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                            | -3.9         | -3.9         |
| 3                                     | HVDC LINK     | PUSAULI B/B            | S/C                    | 0               | 0               | 0                            | -10          | -10          |
| 4                                     | 400 KV        | PUSAULI-SARNATH        | S/C                    | 0               | -249            | 0                            | 0            | 0            |
| 5                                     |               | PUSAULI -ALLAHABAD     | D/C                    | 0               | -258            | 0                            | 0            | 0            |
| 6                                     |               | MUZAFFARPUR-GORAKHPUR  | D/C                    | 0               | -703            | 0                            | -11.4        | -11.4        |
| 7                                     |               | PATNA-BALIA            | D/C                    | 0               | -310            | 0                            | -10.4        | -10.4        |
| 8                                     |               | BIHARSHARIFF-BALIA     | S/C                    | 0               | -406            | 0                            | -8           | -7.7         |
| 9                                     | 220 KV        | PUSAULI-BALIA          | D/C                    | 128             | 0               | 2                            | 0            | 2            |
| 10                                    |               | PUSAULI-SAHUPURI       | S/C                    | 0               | -216            | 0                            | -4.4         | -4.4         |
| 11                                    | 132 KV        | SONE NAGAR-RIHAND      | S/C                    | 0               | 0               | 0                            | 0            | 0            |
| 12                                    |               | GARWAH-RIHAND          | S/C                    | 37              | 0               | 1                            | 0            | 0.6          |
| 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>-47.6</b> | <b>-45.0</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                    | 54              | -554            | 1.2                          | 0            | 1.2          |
| 17                                    |               | STERLITE-RAIGARH       | D/C                    | 0               | -378            | 0                            | -11.4        | -11.4        |
| 18                                    |               | RANCHI-SIPAT           | D/C                    | 160             | -141            | 0                            | 0.0          | 0.4          |
| 19                                    | 220 KV        | BUDHIPADAR-RAIGARH     | S/C                    | 47              | -145            | 0                            | -1.4         | -1.4         |
| 20                                    |               | BUDHIPADAR-KORBA       | D/C                    | 90              | -85             | 0                            | 0            | 0.1          |
| <b>ER-WR</b>                          |               |                        |                        |                 |                 | <b>3.4</b>                   | <b>-13.1</b> | <b>-9.7</b>  |
| <b>Import/Export of ER (With SR)</b>  |               |                        |                        |                 |                 |                              |              |              |
| 21                                    | HVDC LINK     | JEYPORE-GAZUWAKA B/B   | D/C                    | 0               | -670            | 0                            | -9.7         | -9.7         |
| 22                                    | 400 KV        | TALCHER-KOLAR BIPOLE   | D/C                    | 0               | -2364           | 0                            | -46.0        | -46.0        |
| 23                                    |               | TALCHER-I/C            |                        | 364             | -567            | 0                            | -4.9         | -4.9         |
| 24                                    |               | 220 KV                 | BALIMELA-UPPER-SILERRU | S/C             | 0               | 0                            | 0            | 0.00         |
| <b>ER-SR</b>                          |               |                        |                        |                 |                 | <b>0</b>                     | <b>-14.6</b> | <b>-14.6</b> |
| <b>Import/Export of ER (With NER)</b> |               |                        |                        |                 |                 |                              |              |              |
| 25                                    | 400 KV        | BINAGURI-BONGAIGAON    | D/C                    | 0               | -419            | 0                            | -5.4         | -5.4         |
| 26                                    | 220 KV        | BIRPARA-SALAKATI       | D/C                    | 0               | -130            | 0                            | -2.1         | -2.1         |
| <b>ER-NER</b>                         |               |                        |                        |                 |                 | <b>0</b>                     | <b>-7.5</b>  | <b>-7.5</b>  |
| <b>Import/Export of WR (With NR)</b>  |               |                        |                        |                 |                 |                              |              |              |
| 27                                    | HVDC          | V'CHAL B/B             | D/C                    | 50              | -500            | 0.05                         | -7.05        | -7.0         |
| 28                                    | 765 KV        | GWALIOR-AGRA           | D/C                    | 0               | -2276           | 0                            | -45.1        | -45.1        |
| 29                                    | 400 KV        | ZERDA-KANKROLI         | S/C                    | 106             | -59             | 1.3                          | 0            | 1.3          |
| 30                                    | 400 KV        | ZERDA -BHINMAL         | S/C                    | 110             | 112             | 0.2                          | 0            | 0.2          |
| 31                                    | 220 KV        | BADOD-KOTA             | S/C                    | 56              | -8              | 0.5                          | 0            | 0.5          |
| 32                                    |               | BADOD-MORAK            | S/C                    | 2               | -61             | 0.0                          | -1           | -0.7         |
| 33                                    |               | MEHGAON-AURAIYA        | S/C                    | 54              | 0               | 0.6                          | 0            | 0.6          |
| 34                                    |               | MALANPUR-AURAIYA       | S/C                    | 18              | -6              | 1.0                          | 0            | 1.0          |
| 35                                    | 132KV         | GWALIOR-SAWAI MADHOPUR | S/C                    | 0               | 0               | 0                            | 0            | 0            |
| <b>WR-NR</b>                          |               |                        |                        |                 |                 | <b>3.7</b>                   | <b>-53.0</b> | <b>-49.2</b> |
| 36                                    | HVDC          | APL-MHG                | D/C                    | 0               | -2000           | 0                            | -41.3        | -41.3        |
| <b>Import/Export of WR (With SR)</b>  |               |                        |                        |                 |                 |                              |              |              |
| 37                                    | HVDC          | BHADRAWATI B/B         | -                      | 0               | -1000           | 0                            | -23.254      | -23          |
| 38                                    | LINK          | BARSUR-L.SILERU        | -                      | 0               | 0               | 0                            | 0            | 0.0          |
| 39                                    | 765 KV        | SOLAPUR-RAICHUR        | I                      | 288             | -258            | 0                            | 0            | -0.03129     |
| 40                                    | 220 KV        | KOLHAPUR-CHIKODI       | D/C                    | 0               | 0               | 0                            | 0            | 0.0          |
| 41                                    |               | PONDA-AMBEWADI         | S/C                    | 0               | 0               | 0                            | 0            | 0.0          |
| 42                                    |               | XELDEM-AMBEWADI        | S/C                    | 80              | 0               | 1.6                          | 0.0          | 1.6          |
| <b>WR-SR</b>                          |               |                        |                        |                 |                 | <b>1.6</b>                   | <b>0</b>     | <b>-21.6</b> |
| <b>TRANSNATIONAL EXCHANGE</b>         |               |                        |                        |                 |                 |                              |              |              |
| 43                                    |               | BHUTAN                 |                        |                 |                 |                              |              | <b>12.1</b>  |
| 44                                    |               | NEPAL                  |                        |                 |                 |                              |              | <b>-2.2</b>  |
| 45                                    |               | BANGLADESH             |                        |                 |                 |                              |              | <b>-9.2</b>  |