



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

Report for previous day

Date of Reporting

25-Jul-17

A. Maximum Demand

|   | NR    | WR    | SR    | ER    | NER   | Total  |
|---|-------|-------|-------|-------|-------|--------|
| Demand Met during Evening Peak hrs(MW)<br>(at 2000 hrs; from RLDCs) | 48048 | 37406 | 39003 | 17709 | 2437  | 144603 |
| Peak Shortage (MW)  | 1892  | 59    | 15    | 8     | 149   | 2123   |
| Energy Met (MU)   | 1112  | 843   | 912   | 345   | 41    | 3253   |
| Hydro Gen(MU)   | 376   | 22    | 49    | 99    | 26    | 572    |
| Wind Gen(MU)  | 15    | 165   | 190   | ----- | ----- | 369    |
| Solar Gen (MU)*   | 3.02  | 5.17  | 23.20 | 0.56  | 0.01  | 32     |
| Energy Shortage (MU)  | 8.9   | 0.0   | 0.0   | 0.0   | 2.2   | 11.1   |
| Maximum Demand Met during the day<br>(MW) (from NLDC SCADA)         | 49618 | 37656 | 41436 | 17610 | 2467  | 146239 |

B. Frequency Profile (%)

| Region    | FVI   | <49.7 | 49.7-49.8 | 49.8-49.9 | <49.9 | 49.9-50.05 | > 50.05 |
|-----------|-------|-------|-----------|-----------|-------|------------|---------|
| All India | 0.028 | 0.00  | 0.07      | 1.69      | 1.76  | 73.87      | 24.38   |

C. Power Supply Position in States

| Region      | States            | Max. Demand Met during the day (MW) | Shortage during maximum Demand (MW) | Energy Met (MU) | Drawal Schedule (MU) | OD(+)/UD(-) (MU) | Max OD (MW) | Energy Shortage (MU) |     |
|-------------|-------------------|-------------------------------------|-------------------------------------|-----------------|----------------------|------------------|-------------|----------------------|-----|
| NR          | Punjab            | 10261                               | 0                                   | 228.4           | 132.2                | 0.8              | 216         | 0.0                  |     |
|             | Haryana           | 8392                                | 0                                   | 178.4           | 125.0                | 1.7              | 401         | 0.0                  |     |
|             | Rajasthan         | 7127                                | 0                                   | 155.0           | 55.9                 | 2.3              | 613         | 0.0                  |     |
|             | Delhi             | 5012                                | 0                                   | 104.9           | 85.6                 | -1.7             | 162         | 0.1                  |     |
|             | UP                | 15808                               | 0                                   | 336.7           | 159.3                | 0.5              | 515         | 0.0                  |     |
|             | Uttarakhand       | 1790                                | 0                                   | 39.0            | 14.3                 | 1.5              | 183         | 0.0                  |     |
|             | HP                | 1429                                | 0                                   | 26.3            | -2.6                 | 2.4              | 244         | 0.0                  |     |
|             | J&K               | 1869                                | 467                                 | 37.0            | 13.4                 | -2.4             | 23          | 8.8                  |     |
|             | Chandigarh        | 304                                 | 0                                   | 6.0             | 7.0                  | -1.0             | 0           | 0.0                  |     |
|             | WR                | Chhattisgarh                        | 3457                                | 0               | 78.8                 | 16.3             | -0.6        | 187                  | 0.0 |
| Gujarat     |                   | 9601                                | 0                                   | 213.0           | 48.4                 | -2.0             | 753         | 0.0                  |     |
| MP          |                   | 6596                                | 0                                   | 140.5           | 68.6                 | -2.4             | 541         | 0.0                  |     |
| Maharashtra |                   | 16849                               | 0                                   | 369.7           | 99.6                 | 2.4              | 557         | 0.0                  |     |
| Goa         |                   | 380                                 | 0                                   | 8.1             | 8.1                  | 0.0              | 62          | 0.0                  |     |
| DD          |                   | 312                                 | 0                                   | 6.8             | 6.3                  | 0.5              | 57          | 0.0                  |     |
| DNH         |                   | 731                                 | 0                                   | 16.6            | 16.4                 | 0.2              | 46          | 0.0                  |     |
| Essar steel |                   | 505                                 | 0                                   | 9.6             | 9.7                  | -0.1             | 143         | 0.0                  |     |
| SR          |                   | Andhra Pradesh                      | 7649                                | 0               | 165                  | 47               | 3.8         | 593                  | 0.0 |
|             |                   | Telangana                           | 8320                                | 0               | 179                  | 108              | -0.3        | 476                  | 0.0 |
|             | Karnataka         | 8178                                | 0                                   | 176             | 67                   | 2.8              | 401         | 0.0                  |     |
|             | Kerala            | 3356                                | 0                                   | 65              | 45                   | 1.6              | 227         | 0.0                  |     |
|             | Tamil Nadu        | 14654                               | 0                                   | 319             | 108                  | 5.4              | 654         | 0.0                  |     |
|             | Pondy             | 368                                 | 0                                   | 8               | 8                    | -0.1             | 44          | 0.0                  |     |
|             | ER                | Bihar                               | 3735                                | 0               | 73.2                 | 70.3             | -0.3        | 225                  | 0.0 |
| DVC         |                   | 2601                                | 0                                   | 58.9            | -25.4                | 0.6              | 220         | 0.0                  |     |
| Jharkhand   |                   | 970                                 | 0                                   | 21.0            | 12.4                 | -1.1             | 85          | 0.0                  |     |
| Odisha      |                   | 3845                                | 0                                   | 72.9            | 22.5                 | 0.7              | 220         | 0.0                  |     |
| West Bengal |                   | 6349                                | 0                                   | 117.2           | 30.9                 | 0.1              | 250         | 0.0                  |     |
| Sikkim      |                   | 103                                 | 0                                   | 1.8             | 1.1                  | 0.7              | 5           | 0.0                  |     |
| NER         | Arunachal Pradesh | 102                                 | 2                                   | 2.0             | 2.9                  | -0.9             | -30         | 0.0                  |     |
|             | Assam             | 1590                                | 94                                  | 25.6            | 20.5                 | 0.5              | 161         | 2.1                  |     |
|             | Manipur           | 130                                 | 1                                   | 1.9             | 2.3                  | -0.4             | 12          | 0.0                  |     |
|             | Meghalaya         | 266                                 | 0                                   | 4.4             | -0.8                 | -0.1             | 48          | 0.0                  |     |
|             | Mizoram           | 77                                  | 1                                   | 1.4             | 1.3                  | 0.0              | 17          | 0.0                  |     |
|             | Nagaland          | 113                                 | 1                                   | 2.3             | 2.3                  | -0.2             | 35          | 0.0                  |     |
|             | Tripura           | 208                                 | 1                                   | 3.5             | 2.9                  | -0.6             | 121         | 0.1                  |     |

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

|               | Bhutan | Nepal  | Bangladesh |
|---------------|--------|--------|------------|
| Actual(MU)    | 36.4   | -5.7   | -15.0      |
| Day peak (MW) | 2306.6 | -276.2 | -646.5     |

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

|              | NR    | WR     | SR    | ER    | NER  | TOTAL |
|--------------|-------|--------|-------|-------|------|-------|
| Schedule(MU) | 182.7 | -204.8 | 106.2 | -86.7 | -0.7 | -3.3  |
| Actual(MU)   | 175.5 | -206.2 | 116.6 | -82.9 | -5.0 | -2.0  |
| O/D/U/D(MU)  | -7.3  | -1.4   | 10.4  | 3.8   | -4.3 | 1.3   |

F. Generation Outage(MW)

|                | NR    | WR    | SR    | ER   | NER | Total |
|----------------|-------|-------|-------|------|-----|-------|
| Central Sector | 3602  | 15911 | 4100  | 1220 | 355 | 25188 |
| State Sector   | 8930  | 23452 | 14942 | 4195 | 110 | 51629 |
| Total          | 12532 | 39363 | 19042 | 5415 | 464 | 76817 |

\*Source: RLDCs for solar connected to ISTS; SLDCs for embedded solar. Limited visibility of embedded solar data.

सचिव(ऊर्जा)/संयुक्त सचिव(पारेषण)/(ओ एम)/निदेशक(ओ एम)/मुख्य अभियंता-के०वि०प्रा०(ग्रि०प्रा०)/  
मुख्य कार्यपालक अधिकारी(पोसोका)/सभी राज्यों के मुख्य सचिव/ऊर्जा सचिव

| INTER-REGIONAL EXCHANGES       |               |                                       |         |                 |                 |             |             | Date of Reporting : | 25-Jul-17 |
|--------------------------------|---------------|---------------------------------------|---------|-----------------|-----------------|-------------|-------------|---------------------|-----------|
| Sl No                          | Voltage Level | Line Details                          | Circuit | Max Import (MW) | Max Export (MW) | Import (MU) | Export (MU) | NET (MU)            |           |
| Import/Export of ER (With NR)  |               |                                       |         |                 |                 |             |             |                     |           |
| 1                              | 765KV         | GAYA-VARANASI                         | D/C     | 0               | 328             | 0.0         | 8.6         | -8.6                |           |
| 2                              |               | SASARAM-FATEHPUR                      | S/C     | 0               | 101             | 3.2         | 0.0         | 3.2                 |           |
| 3                              |               | GAYA-BALIA                            | S/C     | 0               | 403             | 0.0         | 7.1         | -7.1                |           |
| 4                              |               | ALIPURDUAR-AGRA                       | -       | 0               | 0               | 0.0         | 0.0         | 0.0                 |           |
| 5                              | HVDC          | PUSAULI B/B                           | S/C     | 0               | 248             | 0.0         | 6.0         | -6.0                |           |
| 6                              |               | PUSAULI-VARANASI                      | S/C     | 0               | 195             | 0.0         | 0.0         | 0.0                 |           |
| 7                              |               | PUSAULI -ALLAHABAD                    | S/C     | 0               | 96              | 0.0         | 0.0         | 0.0                 |           |
| 8                              |               | MUZAFFARPUR-GORAKHPUR                 | D/C     | 0               | 847             | 0.0         | 11.6        | -11.6               |           |
| 9                              | 400 KV        | PATNA-BALIA                           | Q/C     | 0               | 541             | 0.0         | 12.3        | -12.3               |           |
| 10                             |               | BIHARSHARIFF-BALIA                    | D/C     | 0               | 467             | 0.0         | 8.3         | -8.3                |           |
| 11                             |               | BARH-GORAKHPUR                        | D/C     | 0               | 419             | 0.0         | 8.2         | -8.2                |           |
| 12                             |               | BIHARSHARIFF-VARANASI                 | D/C     | 0               | 0               | 0.0         | 3.4         | -3.4                |           |
| 13                             | 220 KV        | PUSAULI-SAHUPURI                      | S/C     | 0               | 0               | 0.0         | 0.0         | 0.0                 |           |
| 14                             | 132 KV        | SONE NAGAR-RIHAND                     | S/C     | 0               | 0               | 0.0         | 0.0         | 0.0                 |           |
| 15                             |               | GARWAH-RIHAND                         | S/C     | 0               | 0               | 0.4         | 0.0         | 0.4                 |           |
| 16                             |               | KARMANASA-SAHUPURI                    | S/C     | 0               | 0               | 0.0         | 0.0         | 0.0                 |           |
| 17                             |               | KARMANASA-CHANDAULI                   | S/C     | 0               | 0               | 0.0         | 0.0         | 0.0                 |           |
| ER-NR                          |               |                                       |         |                 |                 | 3.5         | 65.5        | -62.0               |           |
| Import/Export of ER (With WR)  |               |                                       |         |                 |                 |             |             |                     |           |
| 18                             | 765 KV        | JHARSUGUDA-DHARAMJAIGARH S/C          | D/C     | 0               | 0               | 12.4        | 0.0         | 12.4                |           |
| 19                             |               | NEW RANCHI-DHARAMJAIGARH              | D/C     | 0               | 73              | 5.2         | 0.0         | 5.2                 |           |
| 20                             | 400 KV        | ROURKELA - RAIGARH ( SEL LILO BYPASS) | S/C     | 0               | 0               | 2.6         | 0.0         | 2.6                 |           |
| 21                             |               | JHARSUGUDA-RAIGARH                    | S/C     | 0               | 0               | 2.6         | 0.0         | 2.6                 |           |
| 22                             |               | IBEUL-RAIGARH                         | S/C     | 0               | 0               | 2.6         | 0.0         | 2.6                 |           |
| 23                             |               | STERLITE-RAIGARH                      | D/C     | 0               | 0               | 1.8         | 0.0         | 1.8                 |           |
| 24                             | 220 KV        | RANCHI-SIPAT                          | D/C     | 0               | 0               | 5.0         | 0.0         | 5.0                 |           |
| 25                             |               | BUDHIPADAR-RAIGARH                    | S/C     | 0               | 76              | 0.0         | 0.8         | -0.8                |           |
| 26                             |               | BUDHIPADAR-KORBA                      | D/C     | 0               | 0               | 3.2         | 0.0         | 3.2                 |           |
| ER-WR                          |               |                                       |         |                 |                 | 35.3        | 0.8         | 34.5                |           |
| Import/Export of ER (With SR)  |               |                                       |         |                 |                 |             |             |                     |           |
| 27                             | 765 KV        | ANGUL-SRIKAKULAM                      | D/C     | 0.0             | 0.0             | 0.0         | 16.2        | -16.2               |           |
| 28                             | HVDC          | JEYPORE-GAZUWAKA B/B                  | D/C     | 0.0             | 346.4           | 0.0         | 16.1        | -16.1               |           |
| 29                             | LINK          | TALCHER-KOLAR BIPOLE                  | D/C     | 0.0             | 2508.1          | 0.0         | 44.6        | -44.6               |           |
| 30                             | 400 KV        | TALCHER-I/C                           | D/C     | 0.0             | 996.1           | 0.0         | 10.8        | -10.8               |           |
| 31                             | 220 KV        | BALIMELA-UPPER-SILERRU                | S/C     | 0.0             | 0.0             | 0.0         | 0.0         | 0.0                 |           |
| ER-SR                          |               |                                       |         |                 |                 | 0.0         | 77.0        | -77.0               |           |
| Import/Export of ER (With NER) |               |                                       |         |                 |                 |             |             |                     |           |
| 32                             | 400 KV        | BINAGURI-BONGAIGAON                   | D/C     | 0               | 857             | 0.0         | 3.4         | -3                  |           |
| 33                             |               | ALIPURDUAR-BONGAIGAON                 | D/C     | 0               | 683             | 0.0         | 4.2         | -4                  |           |
| 34                             | 220 KV        | ALIPURDUAR-SALAKATI                   | D/C     | 0               | 0               | 0.0         | 1.6         | -2                  |           |
| ER-NER                         |               |                                       |         |                 |                 | 0.0         | 9.2         | -9.2                |           |
| Import/Export of NER (With NR) |               |                                       |         |                 |                 |             |             |                     |           |
| 35                             | HVDC          | BISWANATH CHARALI-AGRA                | -       | 0               | 1000            | 0.0         | 16.3        | -16.3               |           |
| NER-NR                         |               |                                       |         |                 |                 | 0.0         | 16.3        | -16.3               |           |
| Import/Export of WR (With NR)  |               |                                       |         |                 |                 |             |             |                     |           |
| 36                             | HVDC          | CHAMPA-KURUKSHETRA                    | D/C     | #VALUE!         | 0               | 0.0         | 0.0         | 0.0                 |           |
| 37                             |               | V'CHAL B/B                            | D/C     | 250             | 500             | 1.3         | 6.1         | -4.8                |           |
| 38                             |               | APL -MHG                              | D/C     | 0               | 2519            | 0.0         | 16.3        | -16.3               |           |
| 39                             | 765 KV        | GWALIOR-AGRA                          | D/C     | 0               | 2382            | 0.0         | 45.5        | -45.5               |           |
| 40                             |               | PHAGI-GWALIOR                         | D/C     | 0               | 1356            | 0.0         | 20.1        | -20.1               |           |
| 41                             | 400 KV        | ZERDA-KANKROLI                        | S/C     | 192             | 161             | 0.0         | 0.0         | 0.0                 |           |
| 42                             |               | ZERDA -BHINMAL                        | S/C     | 246             | 175             | 0.2         | 0.0         | 0.2                 |           |
| 43                             |               | V'CHAL -RIHAND                        | S/C     | 0               | 0               | 0.0         | 0.0         | 0.0                 |           |
| 44                             |               | RAPP-SHUJALPUR                        | D/C     | 0               | 196             | 0           | 1           | -1                  |           |
| 45                             | 220 KV        | BADOD-KOTA                            | S/C     | 0               | 109             | 0.0         | 1.2         | -1.2                |           |
| 46                             |               | BADOD-MORAK                           | S/C     | 0               | 164             | 0.0         | 2.6         | -2.6                |           |
| 47                             |               | MEHGAON-AURAIYA                       | S/C     | 35              | 7               | 0.4         | 0.0         | 0.4                 |           |
| 48                             | 132KV         | MALANPUR-AURAIYA                      | S/C     | 8               | 26              | 0.0         | 0.3         | -0.2                |           |
| 49                             |               | GWALIOR-SAWAI MADHOPUR                | S/C     | 0               | 0               | 0.0         | 0.0         | 0.0                 |           |
| WR-NR                          |               |                                       |         |                 |                 | 1.9         | 93.1        | -91.1               |           |
| Import/Export of WR (With SR)  |               |                                       |         |                 |                 |             |             |                     |           |
| 50                             | HVDC          | BHADRAWATI B/B                        | -       | 0               | 1000            | 0.0         | 20.3        | -20.3               |           |
| 51                             | LINK          | BARSUR-L.SILERU                       | -       | 0               | 0               | 0.0         | 0.0         | 0.0                 |           |
| 52                             | 765 KV        | SOLAPUR-RAICHUR                       | D/C     | 0               | 1623            | 0.0         | 29.5        | -29.5               |           |
| 53                             |               | WARDHA-NIZAMABAD                      | D/C     | 0               | 1527            | 0.0         | 27.3        | -27.3               |           |
| 54                             | 400 KV        | KOLHAPUR-KUDGI                        | D/C     | 105             | 307             | 0.2         | 3.4         | -3.2                |           |
| 55                             | 220 KV        | KOLHAPUR-CHIKODI                      | D/C     | 0               | 0               | 0.0         | 0.0         | 0.0                 |           |
| 56                             |               | PONDA-AMBEWADI                        | S/C     | 0               | 0               | 0.0         | 0.0         | 0.0                 |           |
| 57                             |               | XELDEM-AMBEWADI                       | S/C     | 73              | 0               | 1.5         | 0.0         | 1.5                 |           |
| WR-SR                          |               |                                       |         |                 |                 | 1.7         | 80.6        | -78.8               |           |
| TRANSNATIONAL EXCHANGE         |               |                                       |         |                 |                 |             |             |                     |           |
| 58                             |               | BHUTAN                                |         |                 |                 |             |             | 36.4                |           |
| 59                             |               | NEPAL                                 |         |                 |                 |             |             | -5.7                |           |
| 60                             |               | BANGLADESH                            |         |                 |                 |             |             | -15.0               |           |



**National Load Despatch Centre**

राष्ट्रीय भार प्रेषण केंद्र

**POWER SYSTEM OPERATION CORPORATION LIMITED**

पाँवर सिस्टम ऑपरेशन कारपोरेशन लिमिटेड

(Government of India Enterprise/ भारत सरकार का उद्यम)

B-9, QUTUB INSTITUTIONAL AREA, KATWARIA SARAI, NEW DELHI -110016

बी-9, कुतुब इन्स्टीट्यूशनल एरिया, कटवारिया सराये, न्यू दिल्ली-110016

Ref: POSOCO/NLDC/SO/Daily PSP Report

दिनांक: 25<sup>th</sup> July 2017

To,

1. महाप्रबंधक, पू.क्षे.भा.प्रे.के.,14, गोलफ क्लब रोड, कोलकाता - 700033  
General Manager, ERLDC, 14 Golf Club Road, Tolleygunge, Kolkata, 700033
2. महाप्रबंधक, ऊ.क्षे.भा.प्रे.के., 18/ ए, शहीद जीत सिंह सनसनवाल मार्ग, नई दिल्ली - 110016  
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3. महाप्रबंधक, प.क्षे.भा.प्रे.के., एफ3-, एम आई डी सी क्षेत्र, अंधेरी, मुंबई -400093  
General Manager, WRLDC, F-3, M.I.D.C. Area, Marol, Andheri (East), Mumbai-400093
4. महाप्रबंधक, ऊ.पू.क्षे.भा.प्रे.के., डोंगतिह, लोअर नोंग्रह, लापलंग, शिलोंग - 793006  
General Manager, NERLDC, Dongteih, Lower Nongrah, Lapalang, Shillong - 793006, Meghalaya
5. अपर महाप्रबंधक, द.क्षे.भा.प्रे.के.,29, रेस कोर्स क्रॉस रोड, बंगलुरु -560009  
Additional General Manager, SRLDC, 29, Race Course Cross Road, Bangalore-560009

**Sub: Daily PSP Report for the date 24.07.2017.**

महोदय/Dear Sir,

आईईजीसी-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 24-जुलाई- 2017 की अखिल भारतीय प्रणाली की दैनिक ग्रिड निष्पादन रिपोर्ट रांभांप्रेके की वेबसाइट पर उपलब्ध है

As per article 5.5.1 of the Indian Electricity Grid Code, the daily report pertaining power supply position of All India Power System for the date 24<sup>th</sup> July 2017, is available at the NLDC website.

धन्यवाद,