



RAJASTHAN RAJYA VIDYUT PRASARAN NIGAM LTD
LOAD DESPATCH CENTER ,HEERAPURA JAIPUR.

| Power Position 10-Aug-18 | Point No. |
|---|------------------|
| Date-wise Energy Availability, Consumption, Peak Load & Average Frequency | 1 |
| Energy Availability / Generation from different Sources | 2 |
| System Parameters | 3 |
| Water Level of major Reservoirs | 4 |
| Position of Coal Stock at KTPS,STPS & CHHABRA | 5 |
| Outage of major Generating Units | 6 |

1. Date-Wise Energy Availability, Consumption,OD(+)/UD(-), Peak Load, Avg. Frequency,Wind Gen. -AUG- 2018

| Date | Anticipated Availability (In LU) | | Consumption (In LU) | | OD(+)/UD(-) (In LU) | | Peak Load (In MW) | | Average freq. (In Hz) | WIND (in LU) |
|----------------------|-------------------------------------|----------------|------------------------|----------------|------------------------|--------------|----------------------|----------------|--------------------------|-----------------|
| | 2018 | 2017 | 2018 | 2017 | 2018 | 2017 | 2018 | 2017 | | |
| Aug-18 | | | | | | | | | | |
| 01-Aug-18 | 2391.48 | 1809.65 | 2200.83 | 1534.97 | 13.43 | 12.04 | 10383 | 7350 | 49.99 | 482.36 |
| 02-Aug-18 | 2483.73 | 1764.56 | 2273.66 | 1610.64 | 7.61 | 3.16 | 10784 | 7731 | 49.95 | 499.22 |
| 03-Aug-18 | 2446.76 | 1852.55 | 2337.51 | 1638.77 | -5.20 | 7.49 | 10803 | 7968 | 49.98 | 515.49 |
| 04-Aug-18 | 2369.12 | 1830.71 | 2373.76 | 1750.79 | 28.35 | 2.95 | 11011 | 8572 | 49.96 | 506.30 |
| 05-Aug-18 | 2392.80 | 1744.96 | 2304.56 | 1805.79 | 12.05 | 18.72 | 10916 | 8337 | 49.99 | 408.15 |
| 06-Aug-18 | 2558.26 | 1790.03 | 2363.84 | 1818.60 | 11.22 | 34.42 | 10955 | 8235 | 49.98 | 345.50 |
| 07-Aug-18 | 2356.07 | 1904.07 | 2386.60 | 2028.58 | 39.44 | 59.34 | 11354 | 8991 | 49.95 | 187.56 |
| 08-Aug-18 | 2312.65 | 1946.49 | 2266.11 | 1796.52 | 10.26 | 6.38 | 10371 | 8057 | 49.96 | 71.09 |
| 09-Aug-18 | 2233.49 | 1897.76 | 2125.53 | 1816.65 | 30.69 | -2.69 | 10153 | 8321 | 49.97 | 72.05 |
| 10-Aug-18 | 2206.15 | 1989.10 | | | | | | | | |
| 11-Aug-18 | | | | | | | | | | |
| 12-Aug-18 | | | | | | | | | | |
| 13-Aug-18 | | | | | | | | | | |
| 14-Aug-18 | | | | | | | | | | |
| 15-Aug-18 | | | | | | | | | | |
| 16-Aug-18 | | | | | | | | | | |
| 17-Aug-18 | | | | | | | | | | |
| 18-Aug-18 | | | | | | | | | | |
| 19-Aug-18 | | | | | | | | | | |
| 20-Aug-18 | | | | | | | | | | |
| 21-Aug-18 | | | | | | | | | | |
| 22-Aug-18 | | | | | | | | | | |
| 23-Aug-18 | | | | | | | | | | |
| 24-Aug-18 | | | | | | | | | | |
| 25-Aug-18 | | | | | | | | | | |
| 26-Aug-18 | | | | | | | | | | |
| 27-Aug-18 | | | | | | | | | | |
| 28-Aug-18 | | | | | | | | | | |
| 29-Aug-18 | | | | | | | | | | |
| 30-Aug-18 | | | | | | | | | | |
| 31-Aug-18 | | | | | | | | | | |
| 01-Sep-18 | | | | | | | | | | |
| MAXIMUM OF THE MONTH | 2558.26 | 1989.10 | 2386.60 | 2028.58 | 39.44 | 59.34 | 11354.00 | 8991.00 | 49.99 | 515.49 |
| MIN OF THE MONTH | 2206.15 | 1744.96 | 2125.53 | 1534.97 | -5.20 | -2.69 | 10153.00 | 7350.00 | 49.95 | 71.09 |
| AVERAGE | 2375.05 | 1852.99 | 2292.49 | 1755.70 | 16.43 | 15.76 | 10747.78 | 8173.56 | 49.97 | 343.08 |

MAX.CONSUMPTION TILL DATE DURING THE FY 2018-19 (L.U.)

2549.75

05-Jun-18

MAX.PEAK LOAD TILL DATE DURING THE FY 2018-19 (MW)

11698

(08.15-08.30Hrs.)

05-Jun-18

MAX.CONSUMPTION DURING THE FY 2017-18 (L.U.)

2222.22

18-Aug-17

MAX.PEAK LOAD DURING THE FY 2017-18 (MW)

11564

(08.00-8.15Hrs.)

13-Jan-18

MAX.WIND TILL DATE DURING THE YEAR 2018-19 (L.U.)

565.54

13-Jun-18

MAX.WIND DURING THE YEAR 2017-18 (L.U.)

482.76

04-Jul-17

2. Anticipated Availability/Generation From Different Sources

(In LU)

| S.No. | Sources Available to Rajasthan / Installed Capacity as on 31.03.2018 (In MW) | Prior assessment of Avail. For next Day | Prior assessment of Avail. | Actual Energy Received |
|-------|--|---|----------------------------|------------------------|
| | | 9-Aug-18 | | |
| 1 | KTPS (1240/1240) | 246.00 | 246.00 | 206.61 |
| 2 | STPS (1500/1500) | 273.00 | 273.00 | 222.82 |
| 3 | DHOLPUR GAS CCPP (330/330) | 0.00 | 0.00 | 0.00 |
| 4 | RAMGARH (273.5/273.5) | 33.00 | 33.00 | 30.91 |
| 5 | RAPP-A(200/200) | 0.00 | 0.00 | 0.00 |
| 6 | MAHI (140/140) | 0.00 | 0.00 | 0.00 |
| 7 | CHAMBAL (RPS+JS) (135.5/271) | 0.00 | 0.00 | 0.00 |
| 8 | GIRAL LIGNITE (250/250) | 0.00 | 0.00 | 0.00 |
| 9 | CHHABRA TPS 1000/1000) | 164.00 | 164.00 | 275.56 |
| 10 | ADANI (TPS) + KALISINDH (TPS) (1200+1200/1320+1200) | 382.00 | 418.00 | 337.97 |
| 11 | WIND FARM (4137.20/4290.95) | 162.00 | 22.50 | 72.05 |
| 12 | SOLAR POWER(1656.70/2246.21) | 48.08 | 50.33 | 41.23 |
| 13 | CAPTIVE POWER PLANTS | 0.00 | 0.00 | 0.00 |
| 14 | REGIONAL (INTRA STATE) O.A.(VLTPS) | 0.00 | 0.00 | 0.00 |
| 15 | OPEN ACCESS | 11.73 | 22.44 | 19.94 |
| 16 | BIOMASS – (101.95/119.25) | 5.00 | 5.00 | 4.43 |
| 17 | BARSINGHAR LTPS(250/250) | 26.00 | 26.00 | 26.45 |
| 18 | RAJWEST (1080/1080) | 229.00 | 229.00 | 168.57 |
| | TOTAL (A) : 1-18 | 1579.81 | 1489.27 | 1406.54 |
| 19 | BBMB COMPLEX | | | |
| a) | BHAKRA(230.79/1516.3) | 26.26 | 25.69 | 25.99 |
| b) | DEHAR (198/ 990) | 27.86 | 27.78 | 27.54 |
| c) | PONG (231.66/396) | 16.08 | 17.00 | 16.82 |
| | TOTAL : a TO c | 70.20 | 70.47 | 70.36 |
| 20 | CENTRAL STATIONS | | | |
| d) | SINGRAULI (300/ 2000) | 91.60 | 91.60 | 91.60 |
| e) | RIHAND (310.24/3000) | 123.20 | 123.20 | 123.46 |
| f) | UNCHAHAHAR-I(20/420) | 5.79 | 4.81 | 2.38 |
| g) | UNCHAHAHAR-II& III & IV(135.09/1130) | 18.56 | 13.42 | 7.24 |
| h) | INDIRA GANDHI STPS(JHAJHAR) 0.00/1500) | 0.00 | 0.00 | 0.00 |
| i) | NCTPS DADRI St-II (43.22/980) + DADRI-TH | 16.22 | 11.36 | 5.35 |
| j) | DADRI GAS (77/830) | 0.00 | 0.00 | 0.00 |
| k) | ANTA (83.07/419) | 0.00 | 0.00 | 0.00 |
| l) | AURAIYA (61.03/663) | 1.70 | 1.19 | 0.54 |
| m) | NAPP (44/440) | 8.85 | 8.85 | 8.85 |
| n) | RAPP-B (125/440) | 29.23 | 29.23 | 29.23 |
| o) | RAPP-C (88/440) | 18.71 | 18.71 | 18.71 |
| p) | SALAL (20.36/690) | 4.69 | 3.87 | 3.87 |
| q) | URI (70.37/720) | 16.12 | 15.98 | 15.61 |
| r) | TANAKPUR (10.86/94) | 2.41 | 2.41 | 2.36 |
| s) | CHAMERA –I (105.84/540) | 24.23 | 24.23 | 24.23 |
| t) | CHAMERA-II (29.01/300) | 6.65 | 6.65 | 6.65 |
| u) | CHAMERA-III (25.21/231) | 5.79 | 5.79 | 5.79 |
| v) | DHAULIGANGA (27/280) | 6.19 | 6.23 | 6.23 |
| w) | DULHASTI (42.42/390) | 7.58 | 6.48 | 7.58 |
| x) | SEWA (13/120) | 3.27 | 3.27 | 3.27 |
| y) | NJPC (112.00/1500)+RAMPUR(31.808/412.02) | 26.05 | 22.20 | 0.00 |
| z) | TEHRI (75/1000) | 12.64 | 14.37 | 14.37 |
| aa) | KOTESHWAR (33.44/400) + PARBATI3 (56.73/520) | 30.49 | 29.57 | 34.69 |
| ab) | TALA | 3.26 | 3.53 | 3.53 |
| ac) | MUNDRA UMPP (380/4000) | 51.93 | 69.86 | 62.39 |
| ad) | SASAN (372/3960) | 68.75 | 69.21 | 69.21 |
| ae) | FRKKA+KHLGN+TLCHR (70.18/3940) | 30.05 | 28.75 | 28.13 |
| af) | URS POWER(DADRI TH-I) | 0.00 | 0.00 | 0.00 |
| | TOTAL SCHEDULE(a TO af) | 684.17 | 685.22 | 645.63 |
| | LOSSES | 0.00 | 0.00 | 0.00 |
| | NET SCHEDULED | 684.17 | 685.22 | 645.63 |
| 21 | BILATERAL (REG.) EXCL. BANKING | 25.72 | 16.03 | 0.00 |
| 22 | BANKING | -7.56 | -7.56 | -7.56 |
| 23 | BILATERAL(INTER-REG.). EXCLUDING (ISOA & BANKING) | 116.16 | 97.26 | 113.35 |
| 24 | INTER STATE OPEN ACCESS (BILATERAL+IEX) | -11.73 | -22.44 | -19.94 |
| 25 | INDIAN ENERGY EXCHANGE | -180.41 | -43.18 | -43.18 |
| | TOTAL(B): (19 TO 25) | 626.35 | 744.23 | 688.30 |
| | TOTAL GENERATION (A +B) : 1 TO 25 | | | 2094.84 |
| | OVER DRAWAL (+)/UNDER DRAWAL (-) | | | 30.69 |
| | GRAND TOTAL | 2206.15 | 2233.49 | 2125.53 |
| | LAST YEAR | 1989.10 | 1897.76 | 1816.65 |

3. SYSTEM PARAMETERS AS ON 09-Aug-18

| | |
|--|--------------------------------------|
| MAXIMUM DRAWL ON 09-Aug-18 | 10153 MW at 23.15-23.30 Hrs 49.93 HZ |
| MINIMUM DRAWL ON 09-Aug-18 | 7884 MW at 04.15-04.30 Hrs 50.05 HZ |
| Max U/D of the day | 510 MW at 12.15-12.30 Hrs 50.00 HZ |
| Max. O/D below 49.7 Hz | MW at |
| No. of Blocks Freq. < 49.7 Hz | 0 |
| No. of Violation Blocks Freq. < 49.7 Hz | 0 |
| No. of Blocks in which Freq. >= 49.7 & <49.9 Hz | 7 |
| NO. OF VIOLATION (OD BLOCKS) IN WHICH FREQ. >= 49.7 & <49.9 Hz | 7 |
| No. of Blocks in which Freq. >= 49.9 & <50.0 Hz | 58 |
| NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & <50.0 Hz | 21 |
| NO. OF BLOCKS(UD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & <50.00 Hz | 2 |
| No. of Blocks in which Freq. >= 50.00 & <50.05 Hz | 26 |
| NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 50.00 & <50.05 Hz | 6 |
| NO. OF BLOCKS(UD ABOVE 250 MW) IN WHICH FREQ. >= 50.00 & <50.05 Hz | 3 |
| No. of Blocks in which Freq. >= 50.05 & <50.10 Hz | 5 |
| NO. OF UD BLOCKS IN WHICH FREQ. >= 50.05 & <50.10 Hz | 1 |
| No. of Blocks in which Freq. >= 50.10 | 0 |
| NO. OF VIOLATION(UD BLOCKS) IN WHICH FREQ. >= 50.10 | 0 |
| AVERAGE FREQ. FOR THE DAY | 9-Aug-18 49.97 Hz |
| Max O/D of the day | 592 MW at 17.30-17.45 Hrs 50.04 HZ |
| Frequency Profile | % of Time |
| LESS THAN 49.7 HZ | 0.00 |
| LESS THAN 49.90 HZ | 12.60 |
| OPERATING RANGE (49.90 HZ TO 50.05 HZ) | 78.90 |
| ABOVE 50.05 HZ | 8.50 |
| No. of 220 KV GSS advised to switch off 33 KV Urban Feeders | 0 |
| No. of 220 KV GSS advised to switch off 33 KV Rural Feeders | 21 |
| No. of 132 KV Feeders Disconnected | 0 |

4. WATER LEVEL OF MAJOR RESERVOIR

| Name of reservoir | Capacity level | | Actual Level as on | | Discharge (cusecs) | Inflow (cusecs) |
|---------------------|----------------|-------|--------------------|-----------|--------------------|-----------------|
| | Max. | Min. | 10-Aug-18 | 10-Aug-17 | 9-Aug-18 | 9-Aug-18 |
| Gandhi Sagar (Ft.) | 1312 | 1250 | 1274.56 | 1297.10 | NIL | 4728 |
| R.P.Sagar (Ft.) | 1157.5 | 1128 | 1142.77 | 1145.00 | NIL | 11068 |
| Jawahar Sagar (Ft.) | 980 | 970.4 | 974.50 | 974.40 | NIL | 1586 |
| Kota Barrage(Ft.) | 854.5 | 852.3 | 851.40 | 850.90 | | |
| RMC | | | | | 20 | |
| LMC | | | | | NIL | |
| Bhakra(Ft.) | 1690 | 1462 | 1590.63 | 1649.90 | 17960 | 70876 |
| Dehar (Ft.) | 2941 | 2900 | 2921.78 | 2920.27 | 8498 | 33102 |
| Pong(Ft.) | 1421 | 1260 | 1331.21 | 1371.41 | 7019 | 43772 |
| Mahi-I (Mts.) | 281.5 | 259 | 274.15 | NA | NIL | NA |
| Mahi-II (Mts.) | 220.5 | 217 | 217.05 | 218.90 | NIL | NIL |

5. POSITION OF COAL STOCK (In MT)

| Date | Name of Station | Stock at 00.00 hrs. (MT) | Coal stock sufficient for No. of days |
|-----------|-----------------|--------------------------|---------------------------------------|
| 10-Aug-18 | KTPS | 133464 | 6.5 DAYS |
| | STPS | 216786 | 8.5 DAYS |
| | CHHABRA | 232867 | 31 DAYS |
| | KALISINDH | 136421 | 10 DAYS |
| | | | |

6. GENERATING UNIT OUTAGE REPORT UP TO 8.00 HRS OF DT.

10-Aug-18

(A) PLANNED OUTAGE

| NAME OF STATION | UNIT OUT | INSTALLED CAPACITY | NET ALLOC/ AVAIL. (MW) | | | OUTAGE | | EXPECT./REVIVAL | | REASON OF OUTAGE |
|--|----------|--------------------|------------------------|---------|---------|-----------|-------|-----------------|------|---|
| | | | | | | DATE | TIME | DATE | TIME | |
| STATE SECTOR | | | | | | | | | | |
| GIRAL | 1 | 125.00 | 70 | 16.8 | 70 | 11-Jul-14 | 8.20 | | | BED MATERIAL LEAKAGE (SD W.E.F.15.07.14) |
| DCCPP | HRSG#2* | 55.00 | 50 | 12.0 | 50 | 13-Jul-16 | 16.35 | | | BOXED UP(PERMISSION GIVEN BY RUVNL ON DATE 17.08.17 BUT PROBLEM IN DCCPP END) |
| DCCPP | HRSG#1 | 55.00 | 50 | 12.0 | 50 | 19-May-18 | 16.57 | | | NON AVAILABILITY OF GAS(treated as boxed up w.c.f. 12.40 hrs./28.05.18 as CFI BOXED UP) |
| RAPP(A) | 2 | 200.00 | 150 | 36.0 | 150 | 30-Jun-18 | 19.38 | | | BIENNIAL SHUTDOWN |
| DCCPP | GT#1 | 110.00 | 100 | 24.0 | 100 | 01-Jul-18 | 13.29 | | | BOXED UP |
| DCCPP | GT#2 | 110.00 | 100 | 24.0 | 100 | 01-Jul-18 | 13.24 | | | BOXED UP |
| CHHABRA | 2 | 250.00 | 225 | 54.0 | 225 | 10-Jul-18 | 4.53 | | | ANNUAL SHUTDOWN |
| Total(A)-STATE SECTOR-PLANNED OUTAGE | | | 905.00 | 745.00 | 178.80 | 745.00 | | | | |
| CENTRAL SECTOR | | | | | | | | | | |
| AURAIYA GPS | 1 | 111.19 | 18 | 4.4 | 18 | 28-Jan-18 | 5.51 | | | RESERVE SHUTDOWN |
| AURAIYA GPS | 4 | 111.19 | 18 | 4.4 | 18 | 16-May-18 | 23.33 | | | RESERVE SHUTDOWN |
| AURAIYA GPS | 6 | 109.30 | 12 | 2.9 | 12 | 21-May-18 | 9.27 | | | RESERVE SHUTDOWN FUEL SHORTAGE |
| ANTA GPS | 2 | 88.71 | 31 | 7.5 | 31 | 27-Jun-18 | 10.24 | | | RESERVE SHUTDOWN |
| UNCHAHAR | 4 | 210.00 | 24 | 5.7 | 24 | 02-Jul-18 | 1.28 | | | ANNUAL MAINTENANCE |
| ANTA GPS | 3 | 88.71 | 31 | 7.5 | 31 | 07-Jul-18 | 12.10 | | | RESERVE SHUTDOWN |
| ANTA GPS | 4 | 153.20 | 34 | 8.2 | 34 | 07-Jul-18 | 12.16 | | | RESERVE SHUTDOWN |
| ANTA GPS | 1 | 88.71 | 31 | 7.5 | 31 | 07-Jul-18 | 12.46 | | | RESERVE SHUTDOWN |
| DADRI GPS | 6 | 154.51 | 16 | 3.9 | 16 | 10-Jul-18 | 0.20 | | | RESERVE SHUTDOWN |
| DADRI GPS | 3 | 130.19 | 22 | 5.3 | 22 | 10-Jul-18 | 0.28 | | | RESERVE SHUTDOWN |
| DADRI GPS | 4 | 130.19 | 22 | 5.3 | 22 | 10-Jul-18 | 0.30 | | | RESERVE SHUTDOWN |
| DADRI GPS | 1 | 130.19 | 22 | 5.3 | 22 | 14-Jul-18 | 11.05 | | | RESERVE SHUTDOWN |
| DADRI GPS | 5 | 154.51 | 16 | 3.9 | 16 | 23-Jul-18 | 20.30 | | | RESERVE SHUTDOWN |
| DADRI GPS | 2 | 130.19 | 22 | 5.3 | 22 | 23-Jul-18 | 20.44 | | | RESERVE SHUTDOWN |
| AURAIYA GPS | 3 | 111.19 | 18 | 4.4 | 18 | 23-Jul-18 | 22.10 | | | RESERVE SHUTDOWN |
| ISTPP(HAHAR) | 1 | 500.00 | 5 | 1.2 | 5 | 27-Jul-18 | 0.01 | | | RESERVE SHUTDOWN |
| Total(A)-CENTRAL SECTOR-PLANNED OUTAGE | | | 2401.98 | 342.00 | 82.70 | 342.00 | | | | |
| (B) FORCE OUTAGE | | | | | | | | | | |
| STATE SECTOR | | | | | | | | | | |
| STATE SECTOR | | | | | | | | | | |
| GIRAL | 2 | 125.00 | 70 | 16.8 | 70 | 27-Jan-16 | 15.27 | | | DESYNCHRONIZED DUE TO ATTEND TUBE LEAKAGE IN ASH COOLAR-I |
| KALISINDH | 2 | 600.00 | 565 | 135.6 | 565 | 07-Apr-18 | 17.31 | | | DUE TO GENERATOR TRIP |
| KTPS | 1 | 110.00 | 100 | 23.0 | 100 | 31-May-18 | 17.25 | | | DESYNCHRONIZED DUE TO SUSPECTED TUBE LEAKAGE IN ECONOMISER |
| RAJWEST | 2 | 135.00 | 120 | 0.0 | 0 | 27-Jun-18 | 4.15 | 09-Aug-18 | 4.34 | DUE TO HEAVY BED MATERIAL LEAKAGE |
| STPS | 2 | 250.00 | 229 | 55.0 | 229 | 10-Jul-18 | 5.44 | 24-Aug-18 | | GENERATOR PROTECTION OPERATED |
| BARSINGSAR | 2 | 125.00 | 110 | 26.4 | 110 | 28-Jul-18 | 1.31 | | | BOILER REFRACTORY FAILURE |
| RAMGARH | GT#1 | 35.50 | 29 | 7.0 | 29 | 02-Aug-18 | 1.01 | | | SHORTAGE OF SUFFICIENT GAS |
| Total(B)-STATE SECTOR-FORCED OUTAGE | | | 1380.50 | 1222.50 | 263.80 | 1103.00 | | | | |
| CENTRAL SECTOR | | | | | | | | | | |
| UNCHAHAR | 6 | 500.00 | NA | NA | NA | 01-Nov-17 | 15.40 | | | FURNISH PRESSURE HIGH |
| AURAIYA GPS | 5 | 109.30 | 12 | 2.9 | 12 | 26-Jul-18 | 4.40 | | | TRIPPED DUE TO DAMPER PROBLEM |
| UNCHAHAR | 5 | 210.00 | 27 | 6.5 | 27 | 02-Aug-18 | 7.58 | | | BOILER TUBE LEAKAGE |
| Total(B)-CENTRAL SECTOR-FORCED OUTAGE | | | 819.30 | 39.00 | 9.40 | 39.00 | | | | |
| G.TOTAL | | | | 273.20 | 1142.00 | | | | | |

Note :- Loss of Generation shall not be considered in case unit is boxed up due to low demand (*), planned annual shut down (@) and COD is not declared (\$).