



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

| Power Position 07-Feb-19 | 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. -FEB.- 2019

| Date | Anticipated Availability (In LU) | | Consumption (In LU) | | OD(+)/UD(-) (In LU) | | Peak Load (In MW) | | Average freq. (In Hz) | WIND (in LU) |
|--|-------------------------------------|---------|------------------------|---------|------------------------|-------|----------------------|-------------------|--------------------------|-----------------|
| | 2019 | 2018 | 2019 | 2018 | 2019 | 2018 | 2019 | 2018 | 2019 | 2019 |
| Feb-19 | | | | | | | | | | |
| 01-Feb-19 | 2627.96 | 2008.01 | 2364.93 | 2081.33 | 26.72 | 56.58 | 12650 | 10255 | 49.98 | 239.98 |
| 02-Feb-19 | 2540.91 | 2052.78 | 2339.80 | 2122.51 | -19.01 | 45.24 | 12062 | 11449 | 49.98 | 204.04 |
| 03-Feb-19 | 2632.07 | 2105.08 | 2351.22 | 2127.65 | -3.94 | 53.52 | 12525 | 11342 | 49.98 | 201.81 |
| 04-Feb-19 | 2536.79 | 2166.72 | 2298.97 | 2058.49 | -6.46 | 6.28 | 12089 | 11191 | 50.01 | 178.20 |
| 05-Feb-19 | 2584.22 | 2149.39 | 2393.31 | 2099.17 | 8.01 | 33.41 | 12543 | 11350 | 49.99 | 60.07 |
| 06-Feb-19 | 2711.15 | 2213.60 | 2335.22 | 2071.52 | 7.45 | 12.14 | 12332 | 11267 | 49.99 | 106.82 |
| 07-Feb-19 | 2636.82 | 2059.61 | | | | | | | | |
| 08-Feb-19 | | | | | | | | | | |
| 09-Feb-19 | | | | | | | | | | |
| 10-Feb-19 | | | | | | | | | | |
| 11-Feb-19 | | | | | | | | | | |
| 12-Feb-19 | | | | | | | | | | |
| 13-Feb-19 | | | | | | | | | | |
| 14-Feb-19 | | | | | | | | | | |
| 15-Feb-19 | | | | | | | | | | |
| 16-Feb-19 | | | | | | | | | | |
| 17-Feb-19 | | | | | | | | | | |
| 18-Feb-19 | | | | | | | | | | |
| 19-Feb-19 | | | | | | | | | | |
| 20-Feb-19 | | | | | | | | | | |
| 21-Feb-19 | | | | | | | | | | |
| 22-Feb-19 | | | | | | | | | | |
| 23-Feb-19 | | | | | | | | | | |
| 24-Feb-19 | | | | | | | | | | |
| 25-Feb-19 | | | | | | | | | | |
| 26-Feb-19 | | | | | | | | | | |
| 27-Feb-19 | | | | | | | | | | |
| 28-Feb-19 | | | | | | | | | | |
| MAXIMUM OF THE MONTH | 2711.15 | 2213.60 | 2393.31 | 2127.65 | 26.72 | 56.58 | 12650.00 | 11449.00 | 50.01 | 239.98 |
| MIN OF THE MONTH | 2536.79 | 2008.01 | 2298.97 | 2058.49 | -19.01 | 6.28 | 12062.00 | 10255.00 | 49.98 | 60.07 |
| AVERAGE | 2609.99 | 2107.88 | 2347.24 | 2093.45 | 2.13 | 34.53 | 12366.83 | 11142.33 | 49.99 | 165.15 |
| 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) | | | | | | | 13276 | (09.30-09.45Hrs.) | 28-Dec-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 31.08.2018 (In MW) | Prior assessment of Avail. For next Day | Prior assessment of Avail. | Actual Energy Received |
|-------|--|---|----------------------------|------------------------|
| | | 6-Feb-19 | | |
| 1 | KTPS (1240/1240) | 224.00 | 224.00 | 195.75 |
| 2 | STPS (1500/1500) | 273.00 | 273.00 | 228.78 |
| 3 | DHOLPUR GAS CAPP (330/330) | 0.00 | 0.00 | 0.00 |
| 4 | RAMGARH (273.5/273.5) | 21.00 | 21.00 | 20.91 |
| 5 | RAPP-A(200/200) | 0.00 | 0.00 | 0.00 |
| 6 | MAHI (140/140) | 0.00 | 0.00 | 6.74 |
| 7 | CHAMBAL (RPS+JS) (135.5/271) | 39.00 | 39.00 | 39.71 |
| 8 | GIRAL LIGNITE (250/250) | 0.00 | 0.00 | 0.00 |
| 9 | CHHABRA TPS (1000/1000)+CSCTPP (660/660) | 358.00 | 358.00 | 326.98 |
| 10 | ADANI (TPS) + KALISINDH (TPS) (1200+1200/1320+1200) | 559.00 | 559.00 | 476.07 |
| 11 | WIND FARM (4139.20/4292.95) | 118.00 | 108.50 | 106.82 |
| 12 | SOLAR POWER(1661.70/2250.16) | 168.72 | 163.67 | 159.42 |
| 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 | 0.00 | 0.00 | 0.00 |
| 16 | BIOMASS – (101.95/119.25) | 2.00 | 1.00 | 2.28 |
| 17 | BARSINGH SAR LTPS(250/250) | 0.00 | 0.00 | 0.00 |
| 18 | RAJWEST (1080/1080) | 172.00 | 201.00 | 133.63 |
| | TOTAL (A) : 1-18 | 1934.72 | 1948.17 | 1697.09 |
| 19 | BBMB COMPLEX | | | |
| a) | BHAKRA(230.79/1516.3) | 20.83 | 21.18 | 20.80 |
| b) | DEHAR (198/ 990) | 6.37 | 6.52 | 7.10 |
| c) | PONG (231.66/396) | 29.34 | 31.55 | 31.55 |
| | TOTAL : a TO c | 56.53 | 59.25 | 59.44 |
| 20 | CENTRAL STATIONS | | | |
| d) | SINGRAULI (300/ 2000)+SINGRAULI SHEP (1.87/8.00) | 87.46 | 89.18 | 86.73 |
| e) | RIHAND (310.24/3000) | 106.67 | 100.82 | 97.32 |
| f) | UNCHAHAHAR-I(20/420) | 5.91 | 5.68 | 3.59 |
| g) | UNCHAHAHAR-II& III & IV(135.09/1130) | 22.07 | 19.98 | 11.16 |
| h) | INDIRA GANDHI STPS(JHAJHAR) 0.00/1500 | 0.00 | 0.00 | 0.00 |
| i) | NCTPS DADRI St-II (43.22/980) + DADRI-TH | 15.02 | 15.74 | 4.27 |
| j) | DADRI GAS (77/830) | 5.15 | 5.18 | 2.48 |
| k) | ANTA (83.07/419) | 0.00 | 0.00 | 0.00 |
| l) | AURAIYA (61.03/663) | 2.32 | 2.31 | 1.12 |
| m) | NAPP (44/440) | 4.33 | 4.51 | 4.51 |
| n) | RAPP-B (125/440) | 28.46 | 27.59 | 27.59 |
| o) | RAPP-C (88/440) | 10.17 | 18.90 | 18.90 |
| p) | SALAL (20.36/690) | 1.23 | 0.99 | 1.04 |
| q) | URI (70.37/720) | 8.41 | 7.84 | 7.68 |
| r) | TANAKPUR (10.86/94) | 0.46 | 0.47 | 0.44 |
| s) | CHAMERA –I (105.84/540) | 5.16 | 5.16 | 5.16 |
| t) | CHAMERA-II (29.01/300) | 1.29 | 1.25 | 1.30 |
| u) | CHAMERA-III (25.21/231) | 0.87 | 0.87 | 0.87 |
| v) | DHAULIGANGA (27/280) | 0.79 | 0.79 | 0.84 |
| w) | DULHASTI (42.42/390) | 3.08 | 2.92 | 3.08 |
| x) | SEWA (13/120) | 1.53 | 2.04 | 2.04 |
| y) | NJPC (112.00/1500)+RAMPUR(31.808/412.02) | 4.86 | 4.86 | 4.86 |
| z) | TEHRI (75/1000) | 6.15 | 5.77 | 5.88 |
| aa) | KOTESHWAR (33.44/400) + PARBATI3 (56.73/520)+KOLDAM (85.73/800) | 5.34 | 5.35 | 5.35 |
| ab) | TALA | 0.02 | 0.02 | 0.02 |
| ac) | MUNDRA UMPP (380/4000) | 64.29 | 67.66 | 64.18 |
| ad) | SASAN (372/3960) | 83.98 | 80.96 | 80.96 |
| ae) | FRKKA+KHLGN+TLCHR (70.18/3940) | 24.02 | 22.73 | 17.03 |
| af) | URS POWER(DADRI TH-I) | 0.00 | 0.00 | 0.00 |
| | TOTAL SCHEDULED(a TO af) | 555.58 | 558.82 | 517.85 |
| | LOSSES | 0.00 | 0.00 | 0.00 |
| | NET SCHEDULED | 555.58 | 558.82 | 517.85 |
| 21 | BILATERAL (REG.) EXCL. BANKING | 2.87 | 2.87 | 2.87 |
| 22 | BANKING | 12.97 | 12.97 | 12.97 |
| 23 | BILATERAL(INTER-REG.). EXCLUDING (ISOA & BANKING) | 111.52 | 114.81 | 112.04 |
| 24 | INTER STATE OPEN ACCESS (BILATERAL+IEX) | 0.00 | 0.00 | 0.32 |
| 25 | INDIAN ENERGY EXCHANGE | 19.17 | -0.47 | -0.47 |
| | TOTAL(B): (19 TO 25) | 702.10 | 689.00 | 645.58 |
| | TOTAL GENERATION (A +B) : 1 TO 25 | | | 2342.68 |
| | OVER DRAWAL (+)/UNDER DRAWAL (-) | | | -7.45 |
| | GRAND TOTAL | 2636.82 | 2637.17 | 2335.23 |
| | LAST YEAR | 2059.61 | 2213.60 | 2071.52 |

3. SYSTEM PARAMETERS AS ON 06-Feb-19

| | |
|--|--------------------------------------|
| MAXIMUM DRAWL ON 06-Feb-19 | 12332 MW at 12.30-12.45 HRS 50.01 HZ |
| MINIMUM DRAWL ON 06-Feb-19 | 6602 MW at 04.00-04.15 Hrs 49.85 HZ |
| Max U/D of the day | 749 MW at 17.30-17.45 Hrs 50.08 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 | 0 |
| No. of Blocks in which Freq. >= 49.9 & <50.0 Hz | 38 |
| NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & <50.0 Hz | 2 |
| NO. OF BLOCKS(UD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & <50.0 Hz | 6 |
| No. of Blocks in which Freq. >= 50.00 & <50.05 Hz | 41 |
| NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 50.00 & <50.05 Hz | 4 |
| NO. OF BLOCKS(UD ABOVE 250 MW) IN WHICH FREQ. >= 50.00 & <50.05 Hz | 7 |
| No. of Blocks in which Freq. >= 50.05 & <50.10 Hz | 10 |
| NO. OF UD BLOCKS IN WHICH FREQ. >= 50.05 & <50.10 Hz | 5 |
| No. of Blocks in which Freq. >= 50.10 | 0 |
| NO. OF VIOLATION(UD BLOCKS) IN WHICH FREQ. >= 50.10 | 0 |

4. WATER LEVEL OF MAJOR RESERVOIR

| Name of reservoir | Capacity level | | Actual Level as on | | Discharge (cusecs) | Inflow (cusecs) |
|---------------------|----------------|-------|--------------------|----------|--------------------|-----------------|
| | Max. | Min. | 7-Feb-19 | 7-Feb-18 | | |
| Gandhi Sagar (Fl.) | 1312 | 1250 | NA | 1284.50 | 9756 | NA |
| R.P.Sagar (Fl.) | 1157.5 | 1128 | 1139.35 | #REF! | 7751 | 17915 |
| Jawahar Sagar (Fl.) | 980 | 970.4 | 974.60 | 977.30 | 7982 | 10631 |
| Kota Barrage(Fl.) | 854.5 | 852.3 | 854.40 | 854.40 | | |
| RMC | | | | | 6225 | |
| LMC | | | | | 1400 | |
| Bhakra(Fl.) | 1690 | 1462 | 1635.16 | 1608.07 | 12403 | 7084 |
| Dehar (Fl.) | 2941 | 2900 | 2922.04 | 2922.76 | 1927 | 1984 |
| Pong(Fl.) | 1421 | 1260 | 1348.25 | 1328.64 | 12510 | 6041 |
| Mahi-I (Mts.) | 281.5 | 259 | 274.20 | 275.25 | 3038 | NIL |
| Mahi-II (Mts.) | 220.5 | 217 | 218.20 | 218.45 | 753 | NIL |

5. POSITION OF COAL STOCK (In MT)

| AVERAGE FREQ. FOR THE DAY | 6-Feb-19 | 49.99 Hz | Date | Name of Station | Stock at 00.00 hrs. (MT) | Coal stock sufficient for No. of days |
|---|------------------------------------|----------|----------|-----------------|--------------------------|---------------------------------------|
| Max O/D of the day | 626 MW at 18.15-18.30 Hrs 50.01 HZ | | 7-Feb-19 | KTPS | 120739 MT | 6 DAYS |
| Frequency Profile | % of Time | | | | | |
| LESS THAN 49.7 HZ | 0.00 | | | | | |
| LESS THAN 49.90 HZ | 11.10 | | | | | |
| OPERATING RANGE (49.90 HZ TO 50.05 HZ) | 69.70 | | | | | |
| ABOVE 50.05 HZ | 19.20 | | | | | |
| 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 | 0 | | | | | |
| No. of 132 KV Feeders Disconnected | 0 | | 7-Feb-19 | CHHABRA | 199047 MT | 26.5 DAYS |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | 7-Feb-19 | KALISINDH | 208683 MT | 15 DAYS |
| | | | | | | |
| | | | | | | |
| | | | | | | |

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

7-Feb-19

(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 | 60 | 14.40 | 60 | 11-Jul-14 | 8.20 | | | RED MATERIAL LEAKAGE (S/D W.E.F.15.07.14) |
| DCCPP | HRSG#2 | 55.00 | 50 | 12.00 | 50 | 08-Oct-18 | 12.08 | | | BOXED UP |
| DCCPP | HRSG#1 | 55.00 | 50 | 12.00 | 50 | 08-Oct-18 | 12.08 | | | BOXED UP |
| DCCPP | GT#2 | 110.00 | 100 | 24.00 | 100 | 08-Oct-18 | 12.28 | | | BOXED UP |
| DCCPP | GT#1 | 110.00 | 100 | 24.00 | 100 | 08-Oct-18 | 12.29 | | | BOXED UP |
| STPS | 3 | 250.00 | 229 | 55.00 | 229 | 22-Jan-19 | 1.30 | | | BOXED UP (ANNUAL SHUT DOWN VIDE OP#01677 Dated 22.01.19 FOR 21 DAYS) |
| KTPS | 4 | 210.00 | 192 | 46.00 | 192 | 04-Feb-19 | 23.52 | | | ESP. & OTHER MISC. MAINT. WORK FOR 15 DAYS |
| Total(A)-STATE SECTOR-PLANNED OUTAGE | | 915.00 | 781.00 | 187.40 | 781.00 | | | | | |
| CENTRAL SECTOR | | | | | | | | | | |
| AURAIYA GPS | 6 | 109.30 | 12 | 2.90 | 12 | 30-Nov-18 | 5.47 | | | RESERVE SHUTDOWN-NON AVAILABILITY OF GAS |
| DADRI GPS | 4 | 130.19 | 22 | 5.30 | 22 | 22-Dec-18 | 9.35 | | | RESERVE SHUTDOWN |
| DADRI GPS | 5 | 154.51 | 16 | 3.90 | 16 | 05-Jan-19 | 10.18 | | | RESERVE SHUTDOWN |
| DADRI TPS | 2 | 210.00 | NA | NA | NA | 01-Feb-19 | 0.05 | | | RESERVE SHUTDOWN |
| AURAIYA GPS | 1 | 88.71 | 31 | 7.50 | 31 | 05-Feb-19 | 9.10 | | | RESERVE SHUTDOWN |
| AURAIYA GPS | 2 | 88.71 | 31 | 7.50 | 31 | 05-Feb-19 | 10.44 | | | RESERVE SHUTDOWN |
| AURAIYA GPS | 4 | 153.20 | 34 | 8.20 | 34 | 05-Feb-19 | 11.20 | | | RESERVE SHUTDOWN |
| Total(A)-CENTRAL SECTOR-PLANNED OUTAGE | | 934.62 | 146.00 | 35.30 | 146.00 | | | | | |

(B) FORCED OUTAGE

STATE SECTOR

| STATE SECTOR | | | | | | | | | | |
|-------------------------------------|----------|--------------------|-----------------------|--------|--------|-----------|-------|----------------|------|---|
| NAME OF STATION | UNIT OUT | INSTALLED CAPACITY | NET ALLOC/AVAIL. (MW) | | | OUTAGE | | EXPECT/REVIVAL | | REASON OF OUTAGE |
| | | | | | | DATE | TIME | DATE | TIME | |
| GIRAL | 2 | 125.00 | 70 | 16.80 | 70 | 27-Jan-16 | 15.27 | | | DESYNCHRONIZED DUE TO ATTEND TUBE LEAKAGE IN ASH COOLAR-I |
| RAMGARH | GT3 | 110.00 | 100 | 24.00 | 100 | 07-Dec-18 | 20.45 | | | INSUFFICIENT AVAILABILITY OF GAS |
| RAMGARH | STG#2 | 50.00 | 40 | 9.60 | 40 | 05-Oct-18 | 10.58 | | | NON AVAILABILITY OF SUFFICIENT GAS |
| RAPP-A | 2 | 200.00 | 150 | 36.00 | 150 | 11-Jan-19 | 14.43 | | | TECHNICAL PROBLEM |
| BTPP | 1 | 125.00 | 110 | 26.40 | 110 | 12-Jan-19 | 23.41 | | | REFRACTORY FAILURE |
| RAJWEST | 7 | 135.00 | 120 | 28.67 | 120 | 30-Jan-19 | 22.00 | | | RED MATERIAL LEAKAGE |
| BTPP | 2 | 125.00 | 110 | 26.40 | 110 | 04-Feb-19 | 21.47 | | | REFRACTORY FAILURE |
| RAJWEST | 8 | 135.00 | 120 | 19.29 | 120 | 06-Feb-19 | 7.39 | | | RED MATERIAL LEAKAGE |
| Total(B)-STATE SECTOR-FORCED OUTAGE | | 1005.00 | 820.00 | 187.16 | 820.00 | | | | | |

CENTRAL SECTOR

| CENTRAL SECTOR | | | | | | | | | | |
|---------------------------------------|----------|--------------------|-----------------------|---------------|-------|-----------|-------|----------------|------|---------------------|
| NAME OF STATION | UNIT OUT | INSTALLED CAPACITY | NET ALLOC/AVAIL. (MW) | | | OUTAGE | | EXPECT/REVIVAL | | REASON OF OUTAGE |
| | | | | | | DATE | TIME | DATE | TIME | |
| ENCHHAR | 6 | 500.00 | 74 | 18.00 | 74 | 05-Feb-19 | 19.56 | | | BOILER TUBE LEAKAGE |
| DADRI-II TPS | 2 | 490.00 | 15 | 0.95 | 15 | 06-Feb-19 | 17.37 | | | ROTOR EARTH FAULT |
| Total(B)-CENTRAL SECTOR-FORCED OUTAGE | | 990.00 | 89.00 | 18.95 | 89.00 | | | | | |
| G.TOTAL | | | 206.11 | 909.00 | | | | | | |

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 (\$).