



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

<b>Power Position 25-Apr-18</b>	<b>Point No.</b>
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1. Date-Wise Energy Availability, Consumption,OD(+)/UD(-), Peak Load, Avg. Frequency,Wind Gen. –APRIL- 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	2018	2018
Apr-18										
1-Apr-18	1796.47	1886.47	1835.83	1739.48	4.46	21.47	8561	8166	49.98	170.85
2-Apr-18	1946.31	1836.49	1852.30	1697.94	4.22	8.57	8771	7764	49.96	180.36
3-Apr-18	1982.88	1809.01	1863.76	1705.06	-8.32	38.60	8749	8216	49.92	160.74
4-Apr-18	1900.21	1727.02	1896.99	1688.41	17.38	2.92	8591	7611	49.95	122.90
5-Apr-18	1966.36	1795.43	1902.37	1646.55	0.14	7.85	8989	7707	49.97	177.74
6-Apr-18	1968.53	1836.36	1815.14	1627.90	17.25	4.04	8745	7966	49.96	87.22
7-Apr-18	1903.40	1711.83	1775.71	1672.22	37.51	19.41	8204	7826	49.96	36.41
8-Apr-18	1778.65	1687.00	1821.32	1594.09	30.27	8.54	8662	7492	49.99	84.58
9-Apr-18	1881.72	1679.29	1794.93	1517.99	12.60	22.27	8768	7196	49.97	140.41
10-Apr-18	1853.87	1652.80	1839.75	1576.75	14.77	24.72	8678	7643	49.96	188.43
11-Apr-18	1810.24	1596.57	1780.94	1622.03	-6.06	19.38	8367	7623	49.96	145.04
12-Apr-18	1854.81	1697.11	1716.31	1701.26	6.82	6.47	7958	8004	49.98	70.93
13-Apr-18	1855.95	1730.20	1810.30	1733.93	8.96	-0.82	8278	7972	49.95	151.94
14-Apr-18	1948.97	1838.57	1865.01	1787.22	21.93	8.22	8654	8522	49.96	109.91
15-Apr-18	1955.25	1833.36	1823.29	1817.22	14.19	28.07	8648	8702	49.97	109.14
16-Apr-18	1874.27	1851.53	1866.44	1797.35	16.84	23.28	8873	8360	49.94	164.54
17-Apr-18	1856.08	1855.07	1858.11	1845.39	66.93	12.05	8936	8658	49.95	55.21
18-Apr-18	1798.50	1844.37	1945.05	1840.06	61.00	11.90	8733	8621	49.96	132.58
19-Apr-18	1838.70	1893.76	1976.96	1875.90	0.57	22.40	9242	8925	49.96	160.29
20-Apr-18	2088.13	1942.81	1865.77	1921.10	7.22	13.67	8959	9155	49.98	350.53
21-Apr-18	1964.15	1790.55	1963.76	1933.49	6.99	24.59	9277	9132	49.95	82.24
22-Apr-18	1967.50	1920.05	1904.36	1939.93	19.34	41.90	9129	8964	49.99	146.20
23-Apr-18	1985.70	2007.73	1935.99	1851.43	22.98	27.26	8975	8693	49.94	20.95
24-Apr-18	2027.14	1795.20	1995.23	1760.24	23.76	30.66	9266	8546	49.97	84.84
25-Apr-18	2074.39	1879.02								
26-Apr-18										
27-Apr-18										
28-Apr-18										
29-Apr-18										
30-Apr-18										
1-May-18										
MAXIMUM OF THE MONTH	<b>2088.13</b>	<b>2007.73</b>	<b>1995.23</b>	<b>1939.93</b>	<b>66.93</b>	<b>41.90</b>	<b>9277.00</b>	<b>9155.00</b>	<b>49.99</b>	<b>350.53</b>
MIN OF THE MONTH	<b>1778.65</b>	<b>1596.57</b>	<b>1716.31</b>	<b>1517.99</b>	<b>-8.32</b>	<b>-0.82</b>	<b>7958.00</b>	<b>7196.00</b>	<b>49.92</b>	<b>20.95</b>
AVERAGE	<b>1908.11</b>	<b>1810.02</b>	<b>1862.73</b>	<b>1745.54</b>	<b>16.74</b>	<b>17.81</b>	<b>8750.54</b>	<b>8227.67</b>	<b>49.96</b>	<b>130.58</b>
MAX.CONSUMPTION TILL DATE DURING THE FY 2018-19 (L.U.)							1976.96		19-Apr-18	
MAX.PEAK LOAD TILL DATE DURING THE FY 2018-19 (MW)							9242	(09.00-09.15Hrs.)	19-Apr-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.)							188.43		10-Apr-18	
MAX.WIND DURING THE YEAR 2017-18 (L.U.)							482.76		4-Jul-17	

## 2. Anticipated Availability/Generation From Different Sources

(In LU)

S.No.	Sources Available to Rajasthan / Installed Capacity as on 30.09.2016 (In MW)	Prior assessment of Avail. For next Day	Prior assessment of Avail.	Actual Energy Received
		24-Apr-18		
1	KTPS (1240/1240)	268.00	268.00	257.87
2	STPS (1500/1500)	330.00	330.00	281.80
3	DHOLPUR GAS CAPP (330/330)	0.00	0.00	0.00
4	RAMGARH (273.5/273.5)	38.00	38.00	38.97
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)	162.00	162.00	165.60
10	ADANI (TPS) + KALISINDH (TPS) (1200+1200/1320+1200)	148.00	144.00	148.70
11	WIND FARM (3980.40/4119.15)	214.00	103.00	84.84
12	SOLAR POWER(737.70/1295.70)	88.67	97.22	96.74
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	30.72	19.78	19.93
16	BIOMASS – (101.95/119.25)	5.00	4.42	4.72
17	BARSINGHAR LTPS(250/250)	26.00	26.00	26.00
18	RAJWEST (1080/1080)	229.00	229.00	232.66
	<b>TOTAL (A) : 1-18</b>	<b>1539.39</b>	<b>1421.42</b>	<b>1357.83</b>
19	BBMB COMPLEX			
a)	BHAKRA(230.79/1516.3)	16.77	15.74	15.79
b)	DEHAR (198/ 990)	11.19	10.58	11.04
c)	PONG (231.66/396)	2.88	1.97	2.60
	<b>TOTAL : a TO c</b>	<b>30.85</b>	<b>28.30</b>	<b>29.43</b>
20	CENTRAL STATIONS			
d)	SINGRAULI (300/ 2000)	55.20	55.03	55.03
e)	RIHAND (310.24/3000)	104.01	103.83	104.98
f)	UNCHAHAAR-I(20/420)	4.32	6.91	6.65
g)	UNCHAHAAR-II& III(61/630)	10.39	16.52	16.43
h)	INDIRA GANDHI STPS(JHAJHAR) 0.00/1500)	0.00	0.00	0.00
i)	NCTPS DADRI St-II ( 43.22/980) + DADRI-TH	12.46	18.99	19.71
j)	DADRI GAS (77/830)	2.22	3.64	3.19
k)	ANTA (83.07/419)	0.00	0.00	0.00
l)	AURAIYA (61.03/663)	0.00	0.00	0.00
m)	NAPP (44/440)	4.35	4.35	4.35
n)	RAPP-B (125/440)	30.32	30.32	30.32
o)	RAPP-C (88/440)	18.65	18.52	18.52
p)	SALAL (20.36/690)	2.37	2.31	1.91
q)	URI (70.37/720)	16.04	16.04	16.04
r)	TANAKPUR (10.86/94)	0.48	0.55	0.50
s)	CHAMERA –I (105.84/540)	9.79	7.53	9.42
t)	CHAMERA-II (29.01/300)	3.06	2.41	3.64
u)	CHAMERA-III (25.21/231)	2.62	1.57	2.65
v)	DHAULIGANGA (27/280)	1.16	1.16	1.16
w)	DULHASTI (42.42/390)	9.41	5.65	7.32
x)	SEWA (13/120)	0.83	1.04	1.04
y)	NJPC (112.00/1500)+RAMPUR(31.808/412.02)	7.18	6.91	8.66
z)	TEHRI (75/1000)	3.25	3.29	3.29
aa)	KOTESHWAR (33.44/400 ) + PARBATI3 (56.73/520)	2.50	2.50	5.27
ab)	TALA	0.40	0.41	0.41
ac)	MUNDRA UMPP (380/4000)	67.20	67.20	67.20
ad)	SASAN (372/3960)	84.02	84.02	84.02
ae)	FRKKA+KHLGN+TLCHR (70.18/3940)	22.46	29.47	27.63
af)	URS POWER(DADRI TH-I)	0.00	0.00	0.00
	TOTAL SCHEDULE(a TO af)	505.57	518.47	528.76
	LOSSES	2.62	2.57	-0.12
	NET SCHEDULED	<b>508.19</b>	<b>521.04</b>	<b>528.64</b>
21	BILATERAL (REG.) EXCL. BANKING	5.21	4.74	5.21
22	BANKING	0.00	0.00	0.00
23	BILATERAL(INTER-REG.). EXCLUDING (ISOA & BANKING)	82.06	72.14	82.06
24	INTER STATE OPEN ACCESS (BILATERAL+IEX)	-30.72	-19.78	-19.93
25	INDIAN ENERGY EXCHANGE	-29.74	17.66	17.66
	<b>TOTAL(B): (19 TO 25)</b>	<b>535.00</b>	<b>605.72</b>	<b>613.64</b>
	TOTAL GENERATION (A +B) : 1 TO 25			<b>1971.47</b>
	OVER DRAWAL (+)/UNDER DRAWAL (-)			23.76
	<b>GRAND TOTAL</b>	<b>2074.39</b>	<b>2027.14</b>	<b>1995.23</b>
	LAST YEAR	1879.02	1795.20	1760.24

3. SYSTEM PARAMETERS AS ON 24-Apr-18

MAXIMUM DRAWL ON 24-Apr-18	9265 MW at 09.00-09.15 Hrs 50.02 HZ
MINIMUM DRAWL ON 24-Apr-18	7089 MW at 23.30-23.46 Hrs 49.96 HZ
Max O/D of the day	685 MW at 23.30-23.45 Hrs 49.96 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	5
NO. OF VIOLATION (OD BLOCKS) IN WHICH FREQ. >= 49.7 & < 49.9 HZ	3
No. of Blocks in which Freq. >= 49.9 & < 50.00 HZ	65
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & < 50.00 HZ	17
NO. OF BLOCKS(UD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & < 50.00 HZ	9
No. of Blocks in which Freq. >= 50.00 & < 50.05 HZ	25
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 50.00 & < 50.05 HZ	7
NO. OF BLOCKS(UD ABOVE 250 MW) IN WHICH FREQ. >= 50.00 & < 50.05 HZ	0
No. of Blocks in which Freq. >= 50.05 & < 50.10 HZ	1
NO. OF UD BLOCKS IN WHICH FREQ. >= 50.05 & < 50.10 HZ	0
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.	25-Apr-18	25-Apr-17		
Gandhi Sagar (FL)	1312	1250	1270.48	1296.13	NIL	159
R.P.Sagar (FL)	1157.5	1128	1140.21	1137.91	NIL	NIL
Jawahar Sagar (FL)	980	970.4	977.80	977.00	NIL	2780
Kota Barrage(FL)	854.5	852.3	852.30	852.90		
RMC						20
LMC						NIL
Bhakra(FL)	1690	1462	1539.28	1540.36	11791	7336
Dehar (FL)	2941	2900	2923.81	2919.94	3132	3717
Pong(FL)	1421	1260	1293.67	1301.65	1503	1375
Mahi-I (Mts.)	281.5	259	269.80	269.80	NIL	NIL
Mahi-II (Mts.)	220.5	217	218.15	218.95	NIL	NIL

5. POSITION OF COAL STOCK (In MT)

AVERAGE FREQ. FOR THE DAY	24-Apr-18	49.97 HZ	Date	Name of Station	Stock at 00.00 hrs. (MT)	Coal stock sufficient for No. of days
Max O/D of the day	424 MW at 23.30-23.45 Hrs 49.96 HZ		25/Apr/18	KTPS	88608	4.5 DAYS
Frequency Profile	% of Time			STPS	6361	0.5 DAYS
LESS THAN 49.7 HZ	0.00			CHHABRA	80259	11 DAYS
LESS THAN 49.90 HZ	4.87			KALISINDH	76731	5.5 DAYS
OPERATING RANGE (49.90 HZ TO 50.05 HZ)	80.59					
ABOVE 50.05 HZ	14.54					
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	7					
No. of 132 KV Feeders Disconnected	0					

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

25/Apr/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	16.80	70	11-Jul-14	8.20			BED MATERIAL LEAKAGE (S/D W.E.F.15/07/14)
DCCPP	HRSG2*	55.00	50	12.00	50	13-Jul-16	16.35			BOXED UP PERMISSION GIVEN BY RUNNL ON DATE 17/08/17 BUT PROBLEM IN DCCPP END
DCCPP	GT12*	110.00	100	24.00	100	13-Jul-16	16.40			BOXED UP PERMISSION GIVEN BY RUNNL ON DATE 17/08/17 BUT PROBLEM IN DCCPP END
DCCPP	HRSG01	55.00	50	12.00	50	11-Dec-17	21.12			SYSTEM LINE VOLTAGE INCREASE permission not granted by excel end 04 msg on 09/12/2018 at 27:12:17 and 09/12/2018 at 28:12:17
DCCPP	GT01	110.00	100	24.00	100	12-Dec-17	23.34			AIR INLET DIFFERENTIAL PRESSURE HIGH permission not granted by excel end 04 msg on 09/12/2018 at 27:12:17 and 09/12/2018 at 28:12:17
CHHABRA	4	250.00	225	54.00	225	10-Apr-18	23.30			ANNUAL S/D
Total STATE SECTOR-PLANNED OUTAGE		705.00	595.00	142.80	595.00					

CENTRAL SECTOR

DADRI GFS	4	130.19	22	5.30	22	18-Oct-17	6.00			RESERVE SHUTDOWN
DADRI GFS	6	154.00	22	5.30	22	25-Oct-17	22.22			RESERVE SHUTDOWN
DADRI GFS	3	130.00	22	5.30	22	25-Oct-17	22.50			RESERVE SHUTDOWN
AURAIYA GFS	4	111.00	18	4.40	18	25-Oct-17	22.43			RESERVE SHUTDOWN
AURAIYA GFS	6	109.00	18	4.40	18	25-Oct-17	23.09			RESERVE SHUTDOWN
AURAIYA GFS	3	111.00	18	4.40	18	25-Oct-17	23.12			RESERVE SHUTDOWN
AURAIYA GFS	1	111.19	18	4.40	18	28-Jan-18	5.51			RESERVE SHUTDOWN
AURAIYA GFS	5	109.00	18	4.40	18	2-Feb-18	19.28			RESERVE SHUTDOWN
AURAIYA GFS	2	111.19	18	4.40	18	2-Feb-18	19.32			RESERVE SHUTDOWN
ANTA GFS	2	88.71	31	7.50	31	2-Feb-18	20.06			RESERVE SHUTDOWN
ANTA GFS	3	88.71	31	7.50	31	9-Mar-18	4.54			RESERVE SHUTDOWN
ANTA GFS	4	153.20	34	8.20	34	9-Mar-18	5.03			RESERVE SHUTDOWN
ANTA GFS	1	88.71	31	7.50	31	9-Mar-18	5.31			RESERVE SHUTDOWN
BIBAND	2	500.00	50	13.00	50	21-Mar-18	12.25			ANNUAL SHUT DOWN
NINGRAULI	6	500.00	85	20.50	85	26-Mar-18	23.58			ANNUAL SHUT DOWN
DADRI GFS	2	130.19	22	5.30	22	5-Apr-18	21.57			RESERVE SHUTDOWN
Total CENTRAL SECTOR-PLANNED OUTAGE		2626.09	466.00	112.60	466.00					

(B) FORCE OUTAGE

STATE SECTOR

STATE SECTOR										
GIRAL	2	125.00	70	16.80	70	27-Jun-16	15.27			DESYNCHRONIZED DUE TO ATTEND TUBE LEAKAGE IN ASH COOLAR-I
ADANI	1	600.00	600	144.00	600	29-Mar-18	5.39			API hot PA duct expansion below leakage.(NON AVAILABILITY OF COAL STOCK)
KALISINDH	2	600.00	475	135.60	475	7-Apr-18	17.31			DUE TO GENERATOR TRIP TRIP
BARNINGSAR	2	125.00	110	26.40	110	16-Apr-18	0.47			REFRIGTERY BREAKERS
RAPP	2	200.00	150	36.00	150	16-Apr-18	16.42			BOILER TUBE LEAKAGE
KALISINDH	1	600.00	475	135.60	475	17-Apr-18	19.45			BOILER TUBE LEAKAGE
BAMGARI	GT-1	27.50	29	7.00	29	17-Apr-18	23.11			NON AVAILABILITY OF GAS
RAJWEST	2	135.00	120	0.00	0	18-Apr-18	20.08	23-Apr-18	13.06	BED MATERIAL LEAKAGE
Total STATE SECTOR-FORCED OUTAGE		2482.50	2028.50	501.40	1909.00					

CENTRAL SECTOR

UNCHAHAR	6	500.00	NA	NA	NA	1-Nov-17	15.40			FURNISH PRESSURE HIGH
STPP(BHABHA)	2	500.00	5	1.20	5	5-Apr-18	0.17			AMP OVERHEATING
UNCHAHAR	5	210.00	24	5.70	24	17-Apr-18	0.25			UNIT TAKEN OUT FOR ANNUAL OVERHAULING WORKS
Total CENTRAL SECTOR-FORCED OUTAGE		1210.00	29.00	6.90	29.00					
G.TOTAL			508.30	1938.00						

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 (\$).