



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

<b>Power Position 27-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										
01-Apr-18	1796.47	1886.47	1835.83	1739.48	4.46	21.47	8561	8166	49.98	170.85
02-Apr-18	1946.31	1836.49	1852.30	1697.94	4.22	8.57	8771	7764	49.96	180.36
03-Apr-18	1982.88	1809.01	1863.76	1705.06	-8.32	38.60	8749	8216	49.92	160.74
04-Apr-18	1900.21	1727.02	1896.99	1688.41	17.38	2.92	8591	7611	49.95	122.90
05-Apr-18	1966.36	1795.43	1902.37	1646.55	0.14	7.85	8989	7707	49.97	177.74
06-Apr-18	1968.53	1836.36	1815.14	1627.90	17.25	4.04	8745	7966	49.96	87.22
07-Apr-18	1903.40	1711.83	1775.71	1672.22	37.51	19.41	8204	7826	49.96	36.41
08-Apr-18	1778.65	1687.00	1821.32	1594.09	30.27	8.54	8662	7492	49.99	84.58
09-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	2012.26	1767.10	33.77	-19.97	9410	8313	49.98	201.07
26-Apr-18	2110.31	1894.00	2095.90	1672.86	77.26	-0.36	9769	8160	49.97	181.36
27-Apr-18	2168.86	1930.46								
28-Apr-18										
29-Apr-18										
30-Apr-18										
01-May-18										
MAXIMUM OF THE MONTH	<b>2168.86</b>	<b>2007.73</b>	<b>2095.90</b>	<b>1939.93</b>	<b>77.26</b>	<b>41.90</b>	<b>9769.00</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>-19.97</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>1868.72</b>	<b>1746.40</b>	<b>17.42</b>	<b>16.30</b>	<b>8776.92</b>	<b>8231.08</b>	<b>49.96</b>	<b>133.40</b>
MAX.CONSUMPTION TILL DATE DURING THE FY 2018-19 (L.U.)							2095.90	26-Apr-18		
MAX.PEAK LOAD TILL DATE DURING THE FY 2018-19 (MW)							9769	(09.15-09.30Hrs.)	26-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	04-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
		26-Apr-18		
1	KTPS (1240/1240)	257.00	270.00	237.76
2	STPS (1500/1500)	280.00	330.00	291.48
3	DHOLPUR GAS CCPP (330/330)	0.00	0.00	0.00
4	RAMGARH (273.5/273.5)	32.00	42.00	36.97
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	118.54
10	ADANI (TPS) + KALISINDH (TPS) (1200+1200/1320+1200)	148.00	148.00	145.02
11	WIND FARM (3980.40/4119.15)	301.00	173.50	181.36
12	SOLAR POWER(737.70/1295.70)	85.51	96.73	82.20
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	30.91	32.09	31.23
16	BIOMASS – (101.95/119.25)	8.00	8.00	7.77
17	BARSINGHSAR LTPS(250/250)	26.00	26.00	25.71
18	RAJWEST (1080/1080)	229.00	229.00	234.18
	<b>TOTAL (A) : 1-18</b>	<b>1559.42</b>	<b>1517.32</b>	<b>1392.22</b>
19	BBMB COMPLEX			
a)	BHAKRA(230.79/1516.3)	17.45	17.79	17.86
b)	DEHAR (198/ 990)	16.64	12.27	15.49
c)	PONG (231.66/396)	2.89	2.89	2.89
	<b>TOTAL : a TO c</b>	<b>36.98</b>	<b>32.95</b>	<b>36.24</b>
20	CENTRAL STATIONS			
d)	SINGRAULI (300/ 2000)	61.38	62.49	62.42
e)	RIHAND (310.24/3000)	114.83	104.01	111.08
f)	UNCHAHAAR-I(20/420)	6.91	6.19	8.19
g)	UNCHAHAAR-II& III(61/630)	16.52	14.80	18.27
h)	INDIRA GANDHI STPS(JHAJHAR) 0.00/1500)	0.00	0.00	0.00
i)	NCTPS DADRI St-II ( 43.22/980) + DADRI-TH	18.60	16.82	21.59
j)	DADRI GAS (77/830)	3.44	2.73	5.70
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)	4.26	4.30	4.30
n)	RAPP-B (125/440)	18.16	29.60	29.60
o)	RAPP-C (88/440)	18.65	18.65	18.65
p)	SALAL (20.36/690)	2.43	2.18	2.51
q)	URI (70.37/720)	16.04	16.04	16.05
r)	TANAKPUR (10.86/94)	0.52	0.52	0.56
s)	CHAMERA –I (105.84/540)	15.14	10.96	12.26
t)	CHAMERA-II (29.01/300)	4.63	4.63	5.45
u)	CHAMERA-III (25.21/231)	3.67	3.67	4.15
v)	DHAULIGANGA (27/280)	1.22	1.27	1.50
w)	DULHASTI (42.42/390)	9.33	9.51	9.51
x)	SEWA (13/120)	1.56	1.04	1.04
y)	NJPC (112.00/1500)+RAMPUR(31.808/412.02)	8.56	7.33	10.96
z)	TEHRI (75/1000)	2.57	2.47	2.47
aa)	KOTESHWAR (33.44/400 ) + PARBATI3 (56.73/520)	4.69	3.12	7.47
ab)	TALA	0.36	0.38	0.38
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)	29.53	26.73	26.69
af)	URS POWER(DADRI TH-I)	0.00	0.00	0.00
	TOTAL SCHEDULE(a TO af)	551.19	533.62	568.28
	LOSSES	2.65	2.15	0.00
	NET SCHEDULED	<b>553.84</b>	<b>535.77</b>	<b>568.28</b>
21	BILATERAL (REG.) EXCL. BANKING	7.11	6.16	6.22
22	BANKING	0.00	0.00	0.00
23	BILATERAL(INTER-REG.). EXCLUDING (ISOA & BANKING)	82.06	71.86	82.06
24	INTER STATE OPEN ACCESS (BILATERAL+IEX)	-30.91	-32.09	-31.23
25	INDIAN ENERGY EXCHANGE	-2.66	1.09	1.09
	<b>TOTAL(B): (19 TO 25)</b>	<b>609.45</b>	<b>593.00</b>	<b>626.42</b>
	TOTAL GENERATION (A +B) : 1 TO 25			<b>2018.64</b>
	OVER DRAWAL (+)/UNDER DRAWAL (-)			77.26
	<b>GRAND TOTAL</b>	<b>2168.86</b>	<b>2110.31</b>	<b>2095.90</b>
	LAST YEAR	1930.46	1894.00	1672.86

3. SYSTEM PARAMETERS AS ON 26-Apr-18

MAXIMUM DRAWL ON 26-Apr-18	9769 MW at 09.15-09.30 Hrs 49.93 HZ
MINIMUM DRAWL ON 26-Apr-18	7609 MW at 18.15-18.30 Hrs 50.05 HZ
Max U/D of the day	662 MW at 00.00-00.15 Hrs 49.97 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	5
No. of Blocks in which Freq. >= 49.9 & <50.00 HZ	63
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & <50.00 HZ	43
NO. OF BLOCKS(UD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & <50.00 HZ	1
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	16
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	2
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 (cumecs)	Inflow (cumecs)
	Max.	Min.	27-Apr-18	26-Apr-18		
Gandhi Sagar (Ft.)	1312	1250	1270.44	1296.09	NIL	159
R.P.Sagar (Ft.)	1157.5	1128	1140.16	1137.83	NIL	NIL
Jawahar Sagar (FL)	980	970.4	977.90	977.20	NIL	NIL
Kota Barrage(Ft.)	854.5	852.3	852.10	852.40		
RMC					NIL	
LMC					20	
Bhakra(FL)	1690	1462	1538.30	1543.37	12635	9567
Dehar (Ft.)	2941	2900	2920.01	2917.84	4582	4128
Pong(FL)	1421	1260	1293.68	1301.39	1503	1631
Mahi-I (Mts.)	281.5	259	269.80	269.75	NIL	NIL
Mahi-II (Mts.)	220.5	217	218.10	218.80	NIL	NIL

5. POSITION OF COAL STOCK (In MT)

AVERAGE FREQ. FOR THE DAY	26-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	728 MW at 01.30-01.45 Hrs 49.99 HZ		27/Apr/18	KTPS	90709	4.5 DAYS
Frequency Profile	% of Time					
LESS THAN 49.7 HZ	0.00					
LESS THAN 49.90 HZ	9.14					
OPERATING RANGE (49.90 HZ TO 50.05 HZ)	83.50					
ABOVE 50.05 HZ	7.36					
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	66					
No. of 132 KV Feeders Disconnected	0					
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	66					
No. of 132 KV Feeders Disconnected	0					
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	66					
No. of 132 KV Feeders Disconnected	0					
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	66					
No. of 132 KV Feeders Disconnected	0					

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

NAME OF STATION	UNIT OUT	INSTALLED CAPACITY	NET ALLOC/AVAIL. (MW)			OUTAGE		EXPECT./REVIVAL		REASON OF OUTAGE
						DATE	TIME	DATE	TIME	
<b>(A) PLANNED OUTAGE</b>										
STATE SECTOR										
GIRAL	1	125.00	70	16.80	70	13-Jul-14	8.20			BED MATERIAL LEAKAGE (SD W.E.F.15.87.14)
DCCPP	HRSGL2*	55.00	50	12.80	50	13-Jul-16	16.35			BOXED UP PERMISSION GIVEN BY RUVNL ON DATE 17.08.17 BUT PROBLEM IN DCCPP END
DCCPP	GT02*	110.00	100	24.00	100	13-Jul-16	16.40			BOXED UP PERMISSION GIVEN BY RUVNL ON DATE 17.08.17 BUT PROBLEM IN DCCPP END
DCCPP	HRSGL1	55.00	50	12.80	50	11-Dec-17	21.12			SYSTEM LINE VOLTAGE INCREASE (permission not granted by ruval and ld msg on OP/12/708 dt 27.12.17 and sp/12/708dt 30.12.17)
DCCPP	GT01	110.00	100	24.00	100	12-Dec-17	23.34			AIR INLET DIFFERENTIAL PRESSURE HIGH (permission not granted by ruval and ld msg on OP/12/708 dt 27.12.17 and sp/12/708dt 30.12.17)
CHHABRA	4	250.00	225	54.00	225	10-Apr-18	23.30			ANNUAL S/D
Total A I STATE SECTOR-PLANNED OUTAGE			705.00	595.00	142.80	595.00				
<b>CENTRAL SECTOR</b>										
BADRI GPS	4	130.19	22	5.30	22	18-Oct-17	6.00			RESERVE SHUTDOWN
BADRI GPS	6	154.00	22	5.30	22	25-Oct-17	22.22			RESERVE SHUTDOWN
BADRI GPS	3	130.00	22	5.30	22	25-Oct-17	22.30			RESERVE SHUTDOWN
AURAYA GPS	4	111.00	18	4.40	18	25-Oct-17	22.43			RESERVE SHUTDOWN
AURAYA GPS	6	109.00	18	4.40	18	25-Oct-17	23.09			RESERVE SHUTDOWN
AURAYA GPS	3	111.00	18	4.40	18	25-Oct-17	23.12			RESERVE SHUTDOWN
AURAYA GPS	1	111.19	18	4.40	18	28-Jun-18	5.51			RESERVE SHUTDOWN
AURAYA GPS	5	109.00	18	4.40	18	02-Feb-18	19.28			RESERVE SHUTDOWN
AURAYA GPS	2	111.19	18	4.40	18	02-Feb-18	19.32			RESERVE SHUTDOWN
ANTA GPS	2	88.71	31	7.50	31	02-Feb-18	20.86			RESERVE SHUTDOWN
ANTA GPS	3	88.71	31	7.50	31	09-Mar-18	4.54			RESERVE SHUTDOWN
ANTA GPS	4	153.20	34	8.20	34	09-Mar-18	5.63			RESERVE SHUTDOWN
ANTA GPS	1	88.71	31	7.50	31	09-Mar-18	6.31			RESERVE SHUTDOWN
BHAND	2	500.00	58	13.80	58	23-Mar-18	12.25	26-Apr-18	16.11	ANNUAL SHUT DOWN
SINGRAULI	6	500.00	85	20.50	85	26-Mar-18	23.58			ANNUAL SHUT DOWN
BADRI GPS	2	130.19	22	5.30	22	05-Apr-18	21.57			RESERVE SHUTDOWN
Total A-D CENTRAL SECTOR-PLANNED OUTAGE			2626.09	666.00	112.60	666.00				
<b>(B) FORCE OUTAGE</b>										
<b>STATE SECTOR</b>										
<b>STATE SECTOR</b>										
GIRAL	2	125.00	70	16.80	70	27-Jun-16	15.27			DESYNCHRONIZED DUE TO ATTEND TUBE LEAKAGE IN ASH COOLERS
ADANI	1	600.00	600	144.00	600	29-Mar-18	5.39			API hot PA duct expansion bellows leakage (NON AVAILABILITY OF COAL STOCK)
KALINDDI	2	600.00	475	135.60	475	07-Apr-18	17.31			DUE TO GENERATOR TRIP TRIP
BABINSINGAR	2	125.00	110	26.40	110	16-Apr-18	6.47			REFRIGERARY BREAKERS.
BAPP	2	200.00	150	36.00	150	16-Apr-18	16.42			BOILER TUBE LEAKAGE
KALINDDI	1	600.00	475	135.60	475	17-Apr-18	19.45			BOILER TUBE LEAKAGE
BHANGARI	GT1	37.50	29	7.00	29	17-Apr-18	23.11			NON AVAILABILITY OF GAS
CHHABRA	1	250.00	225	0.00	0	26-Apr-18	3.51	26-Apr-18	19.31	HEAVY WATER LEAKAGE
KTPS	4	210.00	192	0.00	0	26-Apr-18	11.36	26-Apr-18	19.35	TURBINE TRIP
KTPS	4	210.00	192	10.54	0	26-Apr-18	20.55	27-Apr-18	5.31	CONDENSER PRESSURE HIGH
BHANGARI	STG02	50.00	40	2.00	0	26-Apr-18	22.26	27-Apr-18	7.00	HEAVY VOLTAGE JERK
STPS	6	250.00	225	49.27	225	27-Apr-18	2.40			DUE TO COAL SHOTAGE
Total B I STATE SECTOR-FORCED OUTAGE			3317.50	1787.00	564.01	2138.00				
<b>CENTRAL SECTOR</b>										
UNCHABAR	6	500.00	NA	NA	NA	01-Nov-17	15.40			FURNESS PRESSURE HIGH
INPP(BHABHA)	2	500.00	5	1.20	5	05-Apr-18	6.17			AMP OVERHAULING
UNCHABAR	5	210.00	24	5.70	24	17-Apr-18	6.25			UNIT TAKENOUT FOR ANNUAL OVER HAULING WORKS
Total B II CENTRAL SECTOR-FORCED OUTAGE			1210.00	29.00	6.90	29.00				
<b>G.TOTAL</b>			<b>570.91</b>	<b>2167.00</b>						

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 (\$).