



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

Power Position 30-Apr-18	Point No.
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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	2111.35	1745.56	11.59	-0.22	9847.00	8237.00	49.95	208.40
28-Apr-18	2120.20	1911.82	2123.83	1784.26	28.18	-4.60	10053.00	8066.00	49.94	187.33
29-Apr-18	2192.69	1867.57	2075.14	1734.22	25.30	15.14	9772.00	8132.00	49.99	253.96
30-Apr-18	2272.67	1784.41								
01-May-18		1837.16								
MAXIMUM OF THE MONTH	2192.69	2007.73	2123.83	1939.93	77.26	41.90	10053.00	9155.00	49.99	350.53
MIN OF THE MONTH	1778.65	1596.57	1716.31	1517.99	-8.32	-19.97	7958.00	7196.00	49.92	20.95
AVERAGE	1908.11	1810.02	1868.72	1746.40	17.42	16.30	8776.92	8231.08	49.96	133.40
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	Prior assessment of Avail. For next Day	Prior assessment of Avail.	Actual Energy Received	Prior assessment of Avail. For next Day	Prior assessment of Avail.	Actual Energy Received
		27-Apr-18			28-Apr-18			29-Apr-18		
1	KTPS (1240/1240)	270.00	257.00	252.75	270.00	270.00	249.18	268.00	270.00	236.60
2	STPS (1500/1500)	273.00	280.00	257.45	273.00	273.00	241.51	275.00	273.00	225.94
3	DHOLPUR GAS CAPP (330/330)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4	RAMGARH (273.5/273.5)	39.00	32.00	34.58	39.00	39.00	37.33	39.00	39.00	36.90
5	RAPP-A(200/200)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6	MAHI (140/140)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7	CHAMBAL (RPS+JS) (135.5/271)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8	GIRAL LIGNITE (250/250)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9	CHHABRA TPS 1000/1000)	162.00	162.00	162.65	162.00	162.00	161.28	162.00	162.00	158.06
10	ADANI (TPS) + KALISINDH (TPS) (1200+1200/1320+1200)	148.00	148.00	147.42	250.00	148.00	146.68	279.00	250.00	138.58
11	WIND FARM (3980.40/4119.15)	123.00	301.00	208.40	191.00	123.00	187.33	229.00	191.00	253.96
12	SOLAR POWER(737.70/1295.70)	82.20	85.51	84.45	84.45	82.20	79.08	79.08	84.45	84.68
13	CAPTIVE POWER PLANTS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
14	REGIONAL (INTRA STATE) O.A.(VLTPS)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
15	OPEN ACCESS	29.92	30.91	29.25	23.62	29.92	29.29	23.88	23.62	23.53
16	BIOMASS – (101.95/119.25)	7.00	8.00	6.71	4.00	7.00	3.66	5.00	4.00	5.20
17	BARSINGHAR LTPS(250/250)	26.00	26.00	25.69	26.00	26.00	25.19	26.00	26.00	25.24
18	RAJWEST (1080/1080)	229.00	229.00	236.18	201.00	229.00	213.50	229.00	201.00	200.43
	TOTAL (A) : 1-18	1389.13	1559.42	1445.53	1524.07	1389.13	1374.03	1614.96	1524.07	1389.11
19	BBMB COMPLEX									
a)	BHAKRA(230.79/1516.3)	19.36	17.45	1805.57	19.32	19.36	1937.96	22.08	19.32	19.81
b)	DEHAR (198/ 990)	17.48	16.64	1637.04	17.33	17.48	1353.02	14.52	17.33	13.96
c)	PONG (231.66/396)	3.11	2.89	310.52	3.89	3.11	389.34	8.53	3.89	5.17
	TOTAL : a TO c	39.95	36.98	3753.14	40.54	39.95	3680.31	45.14	40.54	38.94
20	CENTRAL STATIONS									
d)	SINGRAULI (300/ 2000)	61.49	61.38	6137.58	60.56	61.49	6148.40	61.96	60.56	61.36
e)	RIHAND (310.24/3000)	121.07	114.83	11408.31	122.37	121.07	12196.26	118.78	122.37	117.54
f)	UNCHAHAAR-I(20/420)	5.40	6.91	921.15	6.69	5.40	481.55	6.30	6.69	5.65
g)	UNCHAHAAR-II& III(61/630)	13.05	16.52	2702.92	15.99	13.05	1153.06	14.83	15.99	11.86
h)	INDIRA GANDHI STPS(JHAJHAR) 0.00/1500)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
i)	NCTPS DADRI St-II (43.22/980) + DADRI-TH	15.60	18.60	3118.57	18.40	15.60	1308.05	16.18	18.40	19.73
j)	DADRI GAS (77/830)	2.76	3.44	620.42	2.96	2.76	199.56	2.35	2.96	2.44
k)	ANTA (83.07/419)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
l)	AURAIYA (61.03/663)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
m)	NAPP (44/440)	4.28	4.26	425.69	4.26	4.28	427.98	4.29	4.26	4.26
n)	RAPP-B (125/440)	15.12	18.16	1815.80	13.91	15.12	1512.15	14.34	13.91	13.91
o)	RAPP-C (88/440)	18.65	18.65	1865.30	18.47	18.65	1865.30	18.61	18.47	18.47
p)	SALAL (20.36/690)	2.23	2.43	251.77	2.64	2.23	261.44	2.61	2.64	3.07
q)	URI (70.37/720)	16.02	16.04	1603.27	16.02	16.02	1602.24	16.14	16.02	15.94
r)	TANAKPUR (10.86/94)	0.52	0.52	58.30	0.52	0.52	62.15	0.53	0.52	0.70
s)	CHAMERA –I (105.84/540)	15.14	15.14	1513.60	14.31	15.14	1513.61	14.42	14.31	14.31
t)	CHAMERA-II (29.01/300)	4.63	4.63	481.93	4.82	4.63	458.79	4.86	4.82	4.58
u)	CHAMERA-III (25.21/231)	3.67	3.67	363.90	3.67	3.67	351.32	3.70	3.67	3.51
v)	DHAULIGANGA (27/280)	1.30	1.22	170.44	1.71	1.30	171.57	1.78	1.71	1.95
w)	DULHASTI (42.42/390)	9.67	9.33	932.95	9.67	9.67	966.80	9.74	9.67	9.67
x)	SEWA (13/120)	1.56	1.56	156.22	1.77	1.56	161.27	1.78	1.77	1.77
y)	NJPC (112.00/1500)+RAMPUR(31.808/412.02)	14.10	8.56	1225.53	13.27	14.10	1243.89	13.00	13.27	13.83
z)	TEHRI (75/1000)	2.57	2.57	257.47	2.57	2.57	257.47	2.57	2.57	2.57
aa)	KOTESHWAR (33.44/400) + PARBATI3 (56.73/520)	4.16	4.69	718.61	5.21	4.16	787.96	4.81	5.21	6.47
ab)	TALA	0.28	0.36	35.94	0.38	0.28	27.92	0.38	0.38	0.38
ac)	MUNDRA UMPP (380/4000)	49.37	67.20	6030.65	49.37	49.37	4937.48	49.68	49.37	46.19
ad)	SASAN (372/3960)	84.02	84.02	8401.98	84.02	84.02	8401.98	84.55	84.02	98.15
ae)	FRKKA+KHLGN+TLCHR (70.18/3940)	24.92	29.53	2953.03	28.50	24.92	2330.18	19.61	28.50	19.19
af)	URS POWER(DADRI TH-I)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	TOTAL SCHEDULE(a TO af)	531.53	551.19	57924.49	542.61	531.53	52508.68	532.95	542.61	536.45
	LOSSES	2.42	2.65	-57345.25	2.41	2.42	-51983.60	2.43	2.41	0.00
	NET SCHEDULED	533.95	553.84	579.24	545.02	533.95	525.09	535.39	545.02	536.45
21	BILATERAL (REG.) EXCL. BANKING	8.29	7.11	7.14	7.19	8.29	7.08	7.28	7.19	7.75
22	BANKING	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23	BILATERAL(INTER-REG.), EXCLUDING (ISOA & BANKING)	113.60	71.66	99.75	114.15	104.27	113.60	114.86	104.82	114.15
24	INTER STATE OPEN ACCESS (BILATERAL+IEX)	-29.92	-30.91	-29.25	-23.62	-29.92	-29.29	-23.88	-23.62	-23.53
25	INDIAN ENERGY EXCHANGE	105.16	-2.66	-2.66	25.89	105.16	105.16	24.06	25.89	25.89
	TOTAL(B): (19 TO 25)	731.07	609.45	654.22	668.61	731.07	721.63	657.72	668.61	660.70
	TOTAL GENERATION (A +B) : 1 TO 25			2099.75			2095.66			2049.82
	OVER DRAWAL (+)/UNDER DRAWAL (-)			11.59			28.18			25.30
	GRAND TOTAL	2120.20	2168.86	2111.34	2192.69	2120.20	2123.84	2272.67	2192.69	2075.12
	LAST YEAR	1911.82	1930.46	1745.55	1867.57	1911.82	1784.25	1784.41	1867.57	1734.22

3. SYSTEM PARAMETERS AS ON 29-Apr-18

MAXIMUM DRAWL ON 29-Apr-18	9272 MW at 07.15-07.30 Hrs 49.98 HZ.
MINIMUM DRAWL ON 29-Apr-18	6899 MW at 18.15-18.30 Hrs 50.04 HZ.
Max U/D of the day	451 MW at 12.00-12.15 Hrs 50.00 HZ.
Max. OD 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	0
NO. OF VIOLATION (OD BLOCKS) IN WHICH FREQ. >= 49.7 & <49.9 Hz	0
No. of Blocks in which Freq. >= 49.9 & <50.00 Hz	59
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & <50.00 Hz	11
NO. OF BLOCKS(UD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & <50.00 Hz	7
No. of Blocks in which Freq. >= 50.00 & <50.05 Hz	32
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 50.00 & <50.05 Hz	10
NO. OF BLOCKS(UD ABOVE 250 MW) IN WHICH FREQ. >= 50.00 & <50.05 Hz	2
No. of Blocks in which Freq. >= 50.05 & <50.10 Hz	5
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.	30-Apr-18	29-Apr-18		
Gandhi Sagar (Ft.)	1312	1250	1270.38	1296.03	NIL	159
R.P.Sagar (Ft.)	1157.5	1128	1140.10	1137.68	NIL	NIL
Jawahar Sagar (Ft.)	980	970.4	978.20	977.50	NIL	NIL
Kota Barrage(Ft.)	854.5	852.3	851.40	851.90		
RMC					NIL	
LMC					20	
Bhakra(Ft.)	1690	1462	1537.71	1544.92	15219	14708
Dehar (Ft.)	2941	2900	2920.86	2918.04	3912	4177
Pong(Ft.)	1421	1260	1293.45	1301.13	4003	1449
Mahi-I (Mts.)	281.5	259	269.75	269.75	NIL	NIL
Mahi-II (Mts.)	220.5	217	218.00	218.85	NIL	NIL

5. POSITION OF COAL STOCK (In MT)

AVERAGE FREQ. FOR THE DAY	29-Apr-18	49.99 HZ	Date	Name of Station	Stock at 00.00 hrs. (MT)	Coal stock sufficient for No. of days		
Max OD of the day	807 MW at 08.00-08.15 Hrs 50.04 HZ.		30/Apr/18	KTPS	69118	3.5 DAYS		
Frequency Profile	% of Time							
LESS THAN 49.7 HZ	0.00							
LESS THAN 49.90 HZ	1.23							
OPERATING RANGE (49.90 HZ TO 50.05 HZ)	88.53							
ABOVE 50.05 HZ	10.24							
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		STPS	2109	0 DAYS			
No. of 132 KV Feeders Disconnected	0							
						CHHABRA	114587	15 DAYS
			KALISINDH	82217	6 DAYS			

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

30/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 (SD W.E.F.15/7/14)
BCCPP	HRSG02*	55.00	50	12.00	50	13-Jul-16	16.35			BOXED UP/PERMISSION GIVEN BY RUVNL ON DATE 17/08/17 BUT PROBLEM IN DCCPP END
BCCPP	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
BCCPP	HRSG01	55.00	50	12.00	50	11-Dec-17	21.12			SYSTEM LINE VOLTAGE INCREASE Deprioritised not granted by ruvnl and 3d msg on 07/12/17 at 27.12.17 and on 12/7/20 at 08.12.17
BCCPP	GT01	110.00	100	24.00	100	12-Dec-17	23.34			AIR INLET DIFFERENTIAL PRESSURE HIGH Deprioritised not granted by ruvnl and 3d msg on 07/12/17 at 27.12.17 and on 12/7/20 at 08.12.17
CHHABRA	4	250.00	225	54.00	225	18-Apr-18	23.38			ANNUAL SD
Total A) STATE SECTOR- PLANNED OUTAGE			705.00	595.00	142.80	595.00				
CENTRAL SECTOR										
BADRI GFS	4	130.19	22	5.30	22	18-Oct-17	6.00			RESERVE SHUTDOWN
BADRI GFS	6	154.00	22	5.30	22	25-Oct-17	22.22			RESERVE SHUTDOWN
BADRI GFS	3	130.00	22	5.30	22	25-Oct-17	22.20			RESERVE SHUTDOWN
AURAYA GFS	4	111.00	18	4.40	18	25-Oct-17	23.43			RESERVE SHUTDOWN
AURAYA GFS	6	109.00	18	4.40	18	25-Oct-17	23.09			RESERVE SHUTDOWN
AURAYA GFS	3	111.00	18	4.40	18	25-Oct-17	23.12			RESERVE SHUTDOWN
AURAYA GFS	1	111.19	18	4.40	18	28-Jan-18	5.51			RESERVE SHUTDOWN
AURAYA GFS	5	109.00	18	4.40	18	02-Feb-18	19.28			RESERVE SHUTDOWN
AURAYA GFS	2	111.19	18	4.40	18	02-Feb-18	19.32			RESERVE SHUTDOWN
ANTA GFS	2	88.71	31	7.50	31	02-Feb-18	20.06			RESERVE SHUTDOWN
ANTA GFS	3	88.71	31	7.50	31	09-Mar-18	4.54			RESERVE SHUTDOWN
ANTA GFS	4	153.20	34	8.20	34	09-Mar-18	5.03			RESERVE SHUTDOWN
ANTA GFS	1	88.71	31	7.50	31	09-Mar-18	5.31			RESERVE SHUTDOWN
SINGRAULI	6	200.00	85	20.50	85	26-Mar-18	23.58			ANNUAL SHUT DOWN
BADRI GFS	2	130.19	22	5.30	22	05-Apr-18	21.87			RESERVE SHUTDOWN
Total A) CENTRAL SECTOR- PLANNED OUTAGE			2126.09	408.00	98.80	408.00				
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	660.00	600	31.20	120	28-Mar-18	5.29	28-Apr-18	4.12	API hot PA sheet expansion bellow leakage (NON AVAILABILITY OF COAL STOCK)
KALISINDH	2	600.00	475	135.60	475	07-Apr-18	17.31			DUE TO GENERATOR TRIP TRIP
BARSINGGAR	2	125.00	110	26.40	110	16-Apr-18	6.47			REFRACTORY BREAKERS.
BAPP	2	200.00	150	36.00	150	16-Apr-18	16.42			BOILER TUBE LEAKAGE
KALISINDH	1	600.00	0	0.00	0	17-Apr-18	19.45	28-Apr-18	6.01	BOILER TUBE LEAKAGE
BANGARH	GT-I	37.50	29	7.00	29	17-Apr-18	23.11			NON AVAILABILITY OF GAS
STPS	6	250.00	229	55.00	229	27-Apr-18	2.40			DUE TO COAL SHORTAGE
RAJWEST	5	135.00	120	0.00	0	28-Apr-18	9.42	28-Apr-18	14.09	BAD MATERIAL LEAKAGE
ADANI	2	660.00	600	144.00	600	28-Apr-18	7.23			DUE TO CONDENSER TUBE LEAKAGE
Total B) STATE SECTOR-FORCED OUTAGE			3392.50	2382.50	452.00	1793.00				
CENTRAL SECTOR										
UNCHABAR	6	500.00	NA	NA	NA	01-Nov-17	15.40			FURNISH PRESSURE HIGH
INTPP(BALAB)	2	500.00	5	1.20	5	05-Apr-18	0.17			AMP OVERHAULING
UNCHABAR	5	210.00	24	5.70	24	17-Apr-18	0.25			UNIT TAKEN OUT FOR ANNUAL OVER HAULING WORKS
Total B) CENTRAL SECTOR- FORCED OUTAGE			1210.00	29.00	6.90	29.00				
G.TOTAL			458.90	1822.00						

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 (\$).