



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

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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								
25-Apr-18										
26-Apr-18										
27-Apr-18										
28-Apr-18										
29-Apr-18										
30-Apr-18										
1-May-18										
MAXIMUM OF THE MONTH	2088.13	2007.73	1976.96	1939.93	66.93	41.90	9277.00	9155.00	49.99	350.53
MIN OF THE MONTH	1778.65	1596.57	1716.31	1517.99	-8.32	-0.82	7958.00	7196.00	49.92	20.95
AVERAGE	1908.11	1810.02	1856.97	1744.90	16.43	17.25	8728.13	8213.83	49.96	132.57
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
		23-Apr-18		
1	KTPS (1240/1240)	268.00	268.00	266.53
2	STPS (1500/1500)	330.00	330.00	295.81
3	DHOLPUR GAS CAPP (330/330)	0.00	0.00	0.00
4	RAMGARH (273.5/273.5)	38.00	38.00	38.20
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	4.69
8	GIRAL LIGNITE (250/250)	0.00	0.00	0.00
9	CHHABRA TPS 1000/1000)	162.00	163.00	163.79
10	ADANI (TPS) + KALISINDH (TPS) (1200+1200/1320+1200)	144.00	148.00	145.93
11	WIND FARM (3980.40/4119.15)	103.00	41.25	20.95
12	SOLAR POWER(737.70/1295.70)	97.22	99.47	88.68
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	19.78	17.86	17.92
16	BIOMASS – (101.95/119.25)	4.42	2.00	4.42
17	BARSINGHAR LTPS(250/250)	26.00	26.00	25.82
18	RAJWEST (1080/1080)	229.00	201.00	210.27
	TOTAL (A) : 1-18	1421.42	1334.58	1283.02
19	BBMB COMPLEX			
a)	BHAKRA(230.79/1516.3)	15.74	15.12	15.85
b)	DEHAR (198/ 990)	10.58	10.89	11.12
c)	PONG (231.66/396)	1.97	1.97	1.97
	TOTAL : a TO c	28.30	27.98	28.94
20	CENTRAL STATIONS			
d)	SINGRAULI (300/ 2000)	55.03	59.65	57.37
e)	RIHAND (310.24/3000)	103.83	103.83	104.90
f)	UNCHAHAAR-I(20/420)	6.91	6.91	6.70
g)	UNCHAHAAR-II& III(61/630)	16.52	16.52	19.49
h)	INDIRA GANDHI STPS(JHAJHAR) 0.00/1500)	0.00	0.00	0.00
i)	NCTPS DADRI St-II (43.22/980) + DADRI-TH	18.99	18.99	17.95
j)	DADRI GAS (77/830)	3.64	3.23	3.62
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)	18.52	18.47	18.47
p)	SALAL (20.36/690)	2.31	2.35	2.09
q)	URI (70.37/720)	16.04	13.59	13.53
r)	TANAKPUR (10.86/94)	0.55	0.57	0.54
s)	CHAMERA –I (105.84/540)	7.53	7.53	8.54
t)	CHAMERA-II (29.01/300)	2.41	2.55	3.20
u)	CHAMERA-III (25.21/231)	1.57	1.47	2.35
v)	DHAULIGANGA (27/280)	1.16	1.16	1.16
w)	DULHASTI (42.42/390)	5.65	4.81	5.65
x)	SEWA (13/120)	1.04	1.04	1.04
y)	NJPC (112.00/1500)+RAMPUR(31.808/412.02)	6.91	6.82	7.83
z)	TEHRI (75/1000)	3.29	3.25	3.25
aa)	KOTESHWAR (33.44/400) + PARBATI3 (56.73/520)	2.50	2.50	5.17
ab)	TALA	0.41	0.52	0.52
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)	29.47	29.65	28.72
af)	URS POWER(DADRI TH-I)	0.00	0.00	0.00
	TOTAL SCHEDULE(a TO af)	518.47	519.30	526.93
	LOSSES	2.57	2.39	0.00
	NET SCHEDULED	521.04	521.69	526.93
21	BILATERAL (REG.) EXCL. BANKING	4.74	4.38	4.69
22	BANKING	0.00	0.00	0.00
23	BILATERAL(INTER-REG.). EXCLUDING (ISOA & BANKING)	82.06	104.25	87.60
24	INTER STATE OPEN ACCESS (BILATERAL+IEX)	-19.78	-17.86	-17.92
25	INDIAN ENERGY EXCHANGE	17.66	28.76	28.69
	TOTAL(B): (19 TO 25)	605.72	651.13	630.00
	TOTAL GENERATION (A +B) : 1 TO 25			1913.01
	OVER DRAWAL (+)/UNDER DRAWAL (-)			22.98
	GRAND TOTAL	2027.14	1985.70	1935.99
	LAST YEAR	1795.20	2007.73	1851.43

3.SYSTEM PARAMETERS AS ON 23-Apr-18

MAXIMUM DRAWL ON 23-Apr-18	8975 MW at 08.15-08.30 Hrs 50.02 HZ
MINIMUM DRAWL ON 23-Apr-18	6805 MW at 18.15-18.30 Hrs 50.02 HZ
Max O/D of the day	304 MW at 09.15-09.30 Hrs 50.04 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	15
NO. OF VIOLATION (OD BLOCKS) IN WHICH FREQ. >= 49.7 & <49.9 Hz	11
No. of Blocks in which Freq. >= 49.9 & <50.00 Hz	66
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & <50.00 Hz	14
NO. OF BLOCKS(UD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & <50.00 Hz	3
No. of Blocks in which Freq. >= 50.00 & <50.05 Hz	15
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 50.00 & <50.05 Hz	0
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	0
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.	24-Apr-18	24-Apr-17		
Gandhi Sagar (Fl.)	1312	1250	1270.50	1295.15	NIL	159
R.P.Sagar (Fl.)	1157.5	1128	1140.24	1137.94	NIL	NIL
Jawahar Sagar (Fl.)	980	970.4	977.70	977.40	NIL	623
Kota Barrage(Fl.)	854.5	852.3	852.50	852.60		
RMC					20	
LMC					NIL	
Bhakra(Fl.)	1690	1462	1539.89	1537.13	11442	6783
Dehar (Fl.)	2941	2900	2921.35	2933.46	3003	3309
Pong(Fl.)	1421	1260	1293.68	1302.10	1010	1138
Mahi-I (Mts.)	281.5	259	269.80	269.85	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	23-Apr-18	49.94 Hz	Date	Name of Station	Stock at 00.00 hrs. (MT)	Coal stock sufficient for No. of days
Max O/D of the day	504 MW at 18.45-19.00 Hrs 50.01 HZ		24/Apr/18	KTPS	84637	4 DAYS
Frequency Profile	% of Time			STPS	8770	0.5 DAYS
LESS THAN 49.7 HZ	0.00			CHHABRA	79949	10.5 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	33					
No. of 132 KV Feeders Disconnected	0					

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

24/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.15/8/14)
DCCPP	HRSR2*	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	GT92*	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	HRSR1	55.00	50	12.00	50	11-Dec-17	21.12			SYSTEM LINE VOLTAGE INCREASED(permission not granted by control and sig on 09/12/17 @ 27.12.17 and on 12/08/18 @ 20.12.17)
DCCPP	GT91	110.00	100	24.00	100	12-Dec-17	23.34			AIR INLET DIFFERENTIAL PRESSURE HIGH(permission not granted by control and sig on 09/12/17 @ 27.12.17 and on 12/08/18 @ 20.12.17)
CHHABRA	4	250.00	225	54.00	225	10-Apr-18	23.30			ANNUAL SD
Total(A) 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	22.30			RESERVE SHUTDOWN
AURAIYA GFS	4	111.00	18	4.40	18	25-Oct-17	22.45			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-Jun-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
BHAND	2	500.00	58	13.80	58	21-Mar-18	12.25			ANNUAL SHUT DOWN
SINGRAULI	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(B) CENTRAL SECTOR- PLANNED OUTAGE			2626.09	466.00	112.60	466.00				

(B) FORCED OUTAGE

STATE SECTOR											
NAME OF STATION	UNIT OUT	INSTALLED CAPACITY	NET ALLOC./AVAIL. (MW)			DATE	TIME				REASON OF OUTAGE
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 bellow leakage.(NON AVAILABILITY OF COAL STOCK)
KALISINDH	2	600.00	475	135.00	475	7-Apr-18	17.31				DUE TO GENERATOR TRIP
BARINGSAR	2	125.00	110	26.40	110	16-Apr-18	0.47				REFRIGERARY BREAKERS.
RAPP	2	200.00	150	36.00	150	16-Apr-18	16.42				BOILER TUBE LEAKAGE
KALISINDH	1	600.00	475	135.00	475	17-Apr-18	19.45				BOILER TUBE LEAKAGE
BANGARI	GT-1	37.50	29	7.00	29	17-Apr-18	23.11				NON AVAILABILITY OF GAS
RAJWEST	2	135.00	120	6.00	0	18-Apr-18	20.00	23-Apr-18	13.06		BED MATERIAL LEAKAGE
Total(B) 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
ISTPP(BHAJAR)	2	500.00	5	1.20	5	5-Apr-18	0.17				AMP OVERHAULING
UNCHAHAR	5	210.00	24	5.70	24	17-Apr-18	0.25				UNIT TAKENOUT FOR ANNUAL OVER HAULING WORKS
Total(B) 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 (\$).