



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										
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	2078.18	1763.69	5.37	39.79	9783.00	8218.00	50.01	340.24
01-May-18	2221.10	1837.16								
MAXIMUM OF THE MONTH	2272.67	2007.73	2123.83	1939.93	77.26	41.90	10053.00	9155.00	50.01	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
		30-Apr-18		
1	KTPS (1240/1240)	268.00	268.00	221.20
2	STPS (1500/1500)	220.00	275.00	208.04
3	DHOLPUR GAS CCPP (330/330)	0.00	0.00	0.00
4	RAMGARH (273.5/273.5)	34.00	39.00	34.33
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	1.44
8	GIRAL LIGNITE (250/250)	0.00	0.00	0.00
9	CHHABRA TPS 1000/1000)	162.00	162.00	147.74
10	ADANI (TPS) + KALISINDH (TPS) (1200+1200/1320+1200)	279.00	279.00	190.08
11	WIND FARM (3980.40/4119.15)	290.00	229.00	340.24
12	SOLAR POWER(737.70/1295.70)	84.67	79.08	86.55
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	19.56	23.88	24.17
16	BIOMASS – (101.95/119.25)	7.00	5.00	6.86
17	BARSINGHSAR LTPS(250/250)	26.00	26.00	25.40
18	RAJWEST (1080/1080)	229.00	229.00	183.37
	TOTAL (A) : 1-18	1619.23	1614.96	1469.42
19	BBMB COMPLEX			
a)	BHAKRA(230.79/1516.3)	24.79	22.08	23.87
b)	DEHAR (198/ 990)	14.52	14.52	14.45
c)	PONG (231.66/396)	10.71	8.53	9.35
	TOTAL : a TO c	50.02	45.14	47.67
20	CENTRAL STATIONS			
d)	SINGRAULI (300/ 2000)	59.72	61.96	56.91
e)	RIHAND (310.24/3000)	94.99	118.78	97.08
f)	UNCHAHAAR-I(20/420)	4.96	6.30	2.95
g)	UNCHAHAAR-II& III(61/630)	10.60	14.83	5.28
h)	INDIRA GANDHI STPS(JHAJHAR) 0.00/1500)	0.00	0.00	0.00
i)	NCTPS DADRI St-II (43.22/980) + DADRI-TH	11.40	16.18	3.92
j)	DADRI GAS (77/830)	2.08	2.35	1.08
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)	4.20	4.29	4.29
n)	RAPP-B (125/440)	30.28	14.34	19.43
o)	RAPP-C (88/440)	18.61	18.61	18.61
p)	SALAL (20.36/690)	2.85	2.61	2.99
q)	URI (70.37/720)	16.14	16.14	16.14
r)	TANAKPUR (10.86/94)	0.55	0.53	0.78
s)	CHAMERA –I (105.84/540)	13.66	14.42	14.42
t)	CHAMERA-II (29.01/300)	4.58	4.86	4.90
u)	CHAMERA-III (25.21/231)	3.70	3.70	3.82
v)	DHAULIGANGA (27/280)	1.72	1.78	2.06
w)	DULHASTI (42.42/390)	9.74	9.74	9.77
x)	SEWA (13/120)	1.31	1.78	1.78
y)	NJPC (112.00/1500)+RAMPUR(31.808/412.02)	13.92	13.00	13.76
z)	TEHRI (75/1000)	2.57	2.57	2.57
aa)	KOTESHWAR (33.44/400) + PARBATI3 (56.73/520)	4.70	4.81	7.17
ab)	TALA	0.40	0.38	0.38
ac)	MUNDRA UMPP (380/4000)	42.96	49.68	40.88
ad)	SASAN (372/3960)	84.55	84.55	94.48
ae)	FRKKA+KHLGN+TLCHR (70.18/3940)	13.47	19.61	7.54
af)	URS POWER(DADRI TH-I)	0.00	0.00	0.00
	TOTAL SCHEDULE(a TO af)	503.70	532.95	480.66
	LOSSES	2.43	2.43	0.00
	NET SCHEDULED	506.14	535.39	480.66
21	BILATERAL (REG.) EXCL. BANKING	8.36	7.28	7.97
22	BANKING	0.00	0.00	0.00
23	BILATERAL(INTER-REG.). EXCLUDING (ISOA & BANKING)	114.86	105.44	114.86
24	INTER STATE OPEN ACCESS (BILATERAL+IEX)	-19.56	-23.88	-24.17
25	INDIAN ENERGY EXCHANGE	-7.93	24.06	24.06
	TOTAL(B): (19 TO 25)	601.87	657.72	603.39
	TOTAL GENERATION (A +B) : 1 TO 25			2072.81
	OVER DRAWAL (+)/UNDER DRAWAL (-)			5.37
	GRAND TOTAL	2221.10	2272.67	2078.18
	LAST YEAR	1849.37	1837.00	1763.69

3. SYSTEM PARAMETERS AS ON 30-Apr-18

MAXIMUM DRAWL ON 30-Apr-18	9783 MW at 09.30-09.45 Hrs 50.02 HZ
MINIMUM DRAWL ON 30-Apr-18	6719 MW at 18.30-18.45 Hrs 50.01 HZ
Max U/D of the day	753 MW at 21.00-21.45 Hrs 49.94 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	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	32
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & <50.00 Hz	9
NO. OF BLOCKS(UD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & <50.00 Hz	6
No. of Blocks in which Freq. >= 50.00 & <50.05 Hz	48
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	8
No. of Blocks in which Freq. >= 50.05 & <50.10 Hz	15
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.	1-May-18	1-May-17		
Gandhi Sagar (FL)	1312	1250	1270.36	1296.01	NIL	189
R.P.Sagar (FL)	1157.5	1128	1140.04	1137.66	NIL	NIL
Jawahar Sagar (FL)	980	970.4	977.04	978.00	NIL	NIL
Kota Barrage(FL)	854.5	852.3	851.80	851.70		
RMC					NIL	
LMC					20	
Bhakra(FL)	1690	1462	1536.41	1544.58	19881	10385
Dehar (FL)	2941	2900	2922.30	2916.99	4146	4462
Pong(FL)	1421	1260	1293.19	1300.80	4772	1453
Mahi-I (Mts.)	281.5	259	269.75	269.70	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	30-Apr-18	50.01 Hz	Date	Name of Station	Stock at 00.00 hrs. (MT)	Coal stock sufficient for No. of days
Max O/D of the day	678 MW at 11.30-11.45 Hrs 50.01 HZ		1/May/18	KTPS	67548	3.5 DAYS
Frequency Profile	% of Time			STPS	10801	0.5 DAYS
LESS THAN 49.7 HZ	0.00			CHHABRA	106840	14 DAYS
LESS THAN 49.90 HZ	0.41			KALISINDH	75717	5.5 DAYS
OPERATING RANGE (49.90 HZ TO 50.05 HZ)	79.22					
ABOVE 50.05 HZ	20.37					
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					

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

1/May/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 RUN/ML ON DATE 17.08.17 BUT PROBLEM IN DCCPP END
DCCPP	GT2*	110.00	100	24.00	100	13-Jul-16	16.40		BOXED UP PERMISSION GIVEN BY RUN/ML ON DATE 17.08.17 BUT PROBLEM IN DCCPP END
DCCPP	HRSG1	55.00	50	12.00	50	11-Dec-17	21.12		SYSTEM LINE VOLTAGE INCREASED permission not granted by run/ml at 04.00 on 09/12/2017 at 27.12.17 and on 12/790(01.30.12.17)
DCCPP	GT1	110.00	100	24.00	100	12-Dec-17	23.34		AIR INLET DIFFERENTIAL PRESSURE HIGH permission not granted by run/ml at 04.00 on 09/12/2017 at 27.12.17 and on 12/790(01.30.12.17)
CHHABRA	4	250.00	225	54.00	225	10-Apr-18	23.30		ANNUAL SD
STPS	5	250.00	229	55.00	229	30-Apr-18	22.12		BOXED UP
Total STATE SECTOR-PLANNED OUTAGE		955.00	824.00	197.80	824.00				

CENTRAL SECTOR

DABRI GFS	4	120.19	22	5.20	22	18-Oct-17	6.00		RESERVE SHUTDOWN
DABRI GFS	6	154.00	22	5.20	22	25-Oct-17	22.22		RESERVE SHUTDOWN
DABRI GFS	3	130.00	22	5.20	22	25-Oct-17	22.20		RESERVE SHUTDOWN
AURAYYA GFS	4	111.00	18	4.40	18	25-Oct-17	22.43		RESERVE SHUTDOWN
AURAYYA GFS	6	109.00	18	4.40	18	25-Oct-17	22.09		RESERVE SHUTDOWN
AURAYYA GFS	3	111.00	18	4.40	18	25-Oct-17	23.12		RESERVE SHUTDOWN
AURAYYA GFS	1	111.19	18	4.40	18	28-Jun-18	5.51		RESERVE SHUTDOWN
AURAYYA GFS	5	109.00	18	4.40	18	02-Jul-18	19.28		RESERVE SHUTDOWN
AURAYYA GFS	2	111.19	18	4.40	18	02-Jul-18	19.32		RESERVE SHUTDOWN
ANTA GFS	2	88.71	31	7.50	31	02-Jul-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	500.00	85	20.50	85	26-Mar-18	23.58		ANNUAL SHUT DOWN
DABRI GFS	2	130.19	22	5.20	22	05-Apr-18	21.57		RESERVE SHUTDOWN
Total(A)-CENTRAL SECTOR-PLANNED OUTAGE		2126.09	408.00	98.80	408.00				

(B) FORCE OUTAGE

STATE SECTOR										
STATE SECTOR										
NAME OF STATION	UNIT OUT	INSTALLED CAPACITY	NET ALLOC./AVAIL. (MW)		DATE	TIME	EXPECT.REVIVAL	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	660.00	600	31.20	130	29-Mar-18	5.39	30-Apr-18	5.12	API hot PA duct expansion below leakage/(NON AVAILABILITY OF COAL STOCK)
KALISINDH	2	600.00	475	135.00	475	07-Apr-18	17.31		DUE TO GENERATOR TRIP	
BARSINGAR	2	125.00	110	26.40	110	16-Apr-18	0.47		REFRUCTORY BREAKERS.	
RAPP	2	200.00	150	36.00	150	16-Apr-18	16.42		BOILER TUBE LEAKAGE	
RAMGARH	GT-1	37.50	29	7.00	29	17-Apr-18	23.11	30-Apr-18	19.00	NON AVAILABILITY OF GAS
STPS	6	250.00	229	55.00	229	27-Apr-18	2.40		DUE TO COAL SHOTAGE	
ADANI	2	660.00	600	144.00	600	29-Apr-18	7.33		DUE TO CONDENSER TUBE LEAKAGE	
RAMGARH	GT-2	37.50	29	7.00	29	30-Apr-18	14.57		MAL FUNCTIONING OF AIR INLET DP TRANSMITTER SWIT	
RAMGARH	STG-1	37.50	10	0.00	0	30-Apr-18	14.57	01-Mar-18	4.32	MAL FUNCTIONING OF AIR INLET DP TRANSMITTER SWIT
Total(B) STATE SECTOR-FORCED OUTAGE		2732.50	2302.00	459.00	1822.00					
G.TOTAL			#REF!	#REF!						
UNCHABAR	6	500.00	NA	NA	NA	01-Nov-17	15.40		FURNISH PRESSURE HIGH	
INTPP(HAJAR)	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 TAKENOUT FOR ANNUAL OVER HAULLING WORKS	
Total(D) CENTRAL SECTOR-FORCED OUTAGE		1210.00	29.00	6.90	29.00					
G.TOTAL			465.90	1851.00						

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 (S).