



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

Power Position 23-Apr-19	Point No.
Date-wise Energy Availability, Consumption, Peak Load & Average Frequency	1
Energy Availability / Generation from different Sources	2
System Parameters	3
Water Level of major Reservoirs	4
Position of Coal Stock at KTPS,STPS & CHHABRA	5
Outage of major Generating Units	6

1. Date-Wise Energy Availability, Consumption,OD(+)/UD(-), Peak Load, Avg. Frequency,Wind Gen. –APRIL- 2019

Date	Anticipated Availability (In LU)		Consumption (In LU)		OD(+)/UD(-) (In LU)		Peak Load (In MW)		Average freq. (In Hz)	WIND (in LU)
	2019	2018	2019	2018	2019	2018	2019	2018		
Apr-19										
01-Apr-19	2215.41	1796.47	2135.22	1793.94	-18.46	4.46	9872	8561	49.99	54.43
02-Apr-19	2409.10	1946.31	2149.01	1852.30	-14.51	4.22	10131	8771	49.97	44.51
03-Apr-19	2314.72	1982.88	2202.89	1863.76	-7.51	-8.32	10148	8749	49.95	56.23
04-Apr-19	2288.74	1900.21	2181.34	1896.99	-6.78	17.38	10052	8591	49.99	64.92
05-Apr-19	2323.71	1966.36	2055.85	1902.37	-34.67	0.14	9691	8989	50.00	177.06
06-Apr-19	2281.43	1968.53	2070.38	1815.14	-3.58	17.25	9953	8745	50.02	176.61
07-Apr-19	2322.21	1903.40	1993.01	1775.71	-7.77	37.51	10401	8204	50.02	144.68
08-Apr-19	2282.84	1778.65	1974.90	1821.32	-19.82	30.27	9467	8662	50.00	123.41
09-Apr-19	2421.71	1881.72	2116.94	1794.93	-10.35	12.60	9763	8768	49.99	169.57
10-Apr-19	2346.43	1853.87	2151.50	1839.75	-20.62	14.77	9904	8678	49.96	155.96
11-Apr-19	2398.35	1810.24	2156.53	1780.94	-20.75	-6.06	9993	8367	49.98	139.53
12-Apr-19	2265.95	1854.81	2105.62	1716.31	-21.36	6.82	9839	7958	49.98	151.51
13-Apr-19	2148.91	1855.95	2166.04	1810.30	-12.11	8.96	9789	8278	49.99	193.93
14-Apr-19	2297.14	1948.97	2129.17	1865.01	-7.79	21.93	9478	8654	50.00	145.62
15-Apr-19	2238.03	1955.25	2057.66	1823.29	-24.10	14.19	9932	8648	50.01	309.52
16-Apr-19	2330.17	1874.27	1602.73	1866.45	-54.52	33.34	8571	8873	50.01	272.16
17-Apr-19	1973.06	1856.08	1462.25	1858.11	-30.04	66.93	7205	8936	50.01	74.60
18-Apr-19	1948.00	1948.03	1709.46	1945.05	-22.54	61.00	7856	8733	50.01	124.64
19-Apr-19	2136.46	1838.70	1784.14	1976.95	-16.51	0.57	8398	9242	50.00	48.88
20-Apr-19	2213.46	2088.13	1872.33	1865.77	-12.25	7.22	8778	8959	49.99	41.73
21-Apr-19	2265.76	1964.15	1906.57	1963.76	-22.51	6.99	8685	9277	49.99	140.08
22-Apr-19	2297.60	1967.50	2055.36	1904.36	-6.08	19.34	9590	6700	49.99	181.92
23-Apr-19	2244.73	1985.70								
24-Apr-19										
25-Apr-19										
26-Apr-19										
27-Apr-19										
28-Apr-19										
29-Apr-19										
30-Apr-19										
MAXIMUM OF THE MONTH	2421.71	2088.13	2202.89	1976.95	-3.58	66.93	10401.00	9277.00	50.02	309.52
MIN OF THE MONTH	1948.00	1778.65	1462.25	1716.31	-54.52	-8.32	7205.00	6700.00	49.95	41.73
AVERAGE	2259.30	1909.83	2001.77	1851.48	-17.94	16.89	9431.64	8606.50	49.99	135.98
MAX.CONSUMPTION TILL DATE DURING THE FY 2019-20 (L.U.)							2202.89	03-Apr-19		
MAX.PEAK LOAD TILL DATE DURING THE FY 2019-20 (MW)							10401	(11.15-11.30Hrs.)	07-Apr-19	
MAX.CONSUMPTION DURING THE FY 2018-19 (L.U.)							2549.75	05-Jun-18		
MAX.PEAK LOAD DURING THE FY 2018-19 (MW)							13276	(09.30-09.45Hrs.)	28-Dec-18	
MAX.WIND TILL DATE DURING THE YEAR 2019-20 (L.U.)							309.52	15-Apr-19		
MAX.WIND DURING THE YEAR 2018-19 (L.U.)							565.54	13-Jun-18		

2. Anticipated Availability/Generation From Different Sources

(In LU)

S.No.	Sources Available to Rajasthan / Installed Capacity as on 31.08.2018 (In MW)	Prior assessment of Avail. For next Day	Prior assessment of Avail.	Actual Energy Received
		22-Apr-19		
1	KTPS (1240/1240)	176.00	176.00	148.08
2	STPS (1500/1500)	10.00	55.00	42.71
3	DHOLPUR GAS CCPP (330/330)	0.00	0.00	0.00
4	RAMGARH (273.5/273.5)	22.00	22.00	20.65
5	RAPP-A(200/200)	36.00	36.00	41.24
6	MAHI (140/140)	0.00	0.00	0.00
7	CHAMBAL (RPS+JS) (135.5/271)	0.00	0.00	0.00
8	SSCTPS#7	0.00	0.00	0.00
9	CHHABRA TPS (1000/1000)+CSCTPP (660/660)	362.00	362.00	319.71
10	ADANI (TPS) + KALISINDH (TPS) (1200+1200/1320+1200)	422.00	422.00	344.14
11	WIND FARM (4139.20/4292.95)	142.00	140.00	181.92
12	SOLAR POWER(1661.70/2250.16)	187.01	190.27	174.37
13	CAPTIVE POWER PLANTS	0.00	0.00	0.00
14	REGIONAL (INTRA STATE) O.A.(VLTPS)	0.00	0.00	25.68
15	OPEN ACCESS	0.00	0.00	0.00
16	BIOMASS – (101.95/119.25)	9.00	8.00	8.98
17	BARSINGHSAR LTPS(250/250)	25.00	26.00	24.58
18	RAJWEST (1080/1080)	172.00	172.00	114.02
	TOTAL (A) : 1-18	1563.01	1609.27	1446.08
19	BBMB COMPLEX			
a)	BHAKRA(230.79/1516.3)	24.04	14.24	15.88
b)	DEHAR (198/ 990)	28.60	17.55	18.40
c)	PONG (231.66/396)	7.14	1.90	6.89
	TOTAL : a TO c	59.79	33.69	41.16
20	CENTRAL STATIONS			
d)	SINGRAULI (300/ 2000)+SINGRAULI SHEP (1.87/8.00)	85.46	86.74	78.58
e)	RIHAND (310.24/3000)	100.56	121.54	106.52
f)	UNCHAHAHAR-I(20/420)	4.47	5.74	2.46
g)	UNCHAHAHAR-II& III & IV(135.09/1130)	33.53	42.81	23.09
h)	INDIRA GANDHI STPS(JHAJHAR) 0.00/1500)	0.00	0.00	0.00
i)	NCTPS DADRI St-II (43.22/980) + DADRI-TH	12.35	15.40	3.60
j)	DADRI GAS (77/830)	3.65	4.78	3.98
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)	0.00	9.12	9.12
n)	RAPP-B (125/440)	28.65	28.90	28.90
o)	RAPP-C (88/440)	0.00	19.05	19.05
p)	SALAL (20.36/690)	3.97	3.64	4.02
q)	URI (70.37/720)	16.21	16.21	16.21
r)	TANAKPUR (10.86/94)	1.19	1.31	1.39
s)	CHAMERA –I (105.84/540)	18.96	18.96	18.96
t)	CHAMERA-II (29.01/300)	6.06	5.64	5.79
u)	CHAMERA-III (25.21/231)	4.22	4.75	4.54
v)	DHAULIGANGA (27/280)	2.98	2.82	2.78
w)	DULHASTI (42.42/390)	7.81	7.81	7.81
x)	SEWA (13/120)	3.15	3.15	3.15
y)	NJPC (112.00/1500)+RAMPUR(31.808/412.02)	18.97	15.27	18.84
z)	TEHRI (75/1000)	5.53	5.53	5.59
aa)	KOTESHWAR (33.44/400) + PARBATI3 (56.73/520)+KOLDAM (85.73/800)	11.47	10.34	11.77
ab)	TALA	0.78	0.78	0.74
ac)	MUNDRA UMPP (380/4000)	66.98	65.68	52.83
ad)	SASAN (372/3960)	70.12	70.12	70.12
ae)	FRKKA+KHLGN+TLCHR (70.18/3940)	13.06	16.17	8.96
af)	URS POWER(DADRI TH-I)	0.00	0.00	0.00
	TOTAL SCHEDULE(a TO af)	579.90	615.95	549.97
	LOSSES	0.00	0.00	0.00
	NET SCHEDULED	579.90	615.95	549.97
21	BILATERAL (REG.) EXCL. BANKING	12.28	9.44	11.27
22	BANKING	-15.97	-15.97	-15.97
23	BILATERAL(INTER-REG.). EXCLUDING (ISOA & BANKING)	126.73	102.77	113.21
24	INTER STATE OPEN ACCESS (BILATERAL+IEX)	0.00	0.00	-3.27
25	INDIAN ENERGY EXCHANGE	-21.22	-39.83	-39.83
	TOTAL(B): (19 TO 25)	681.72	688.32	615.37
	TOTAL GENERATION (A +B) : 1 TO 25			2061.45
	OVER DRAWAL (+)/UNDER DRAWAL (-)			-6.08
	GRAND TOTAL	2244.73	2297.59	2055.37
	LAST YEAR	1985.70	1967.50	1904.36

3. SYSTEM PARAMETERS AS ON 22-Apr-19

MAXIMUM DRAWL ON 22-Apr-19	9590 MW at 11.45-12.00HRS 50.03 HZ
MINIMUM DRAWL ON 22-Apr-19	7132 MW at 04.00-04.15 Hrs 49.97 HZ
Max U/D of the day	581 MW at 23.45-24.00 HRS 49.95 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	3
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	45
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & <50.00 Hz	8
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	36
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 50.00 & <50.05 Hz	6
NO. OF BLOCKS(UD ABOVE 250 MW) IN WHICH FREQ. >= 50.00 & <50.05 Hz	3
No. of Blocks in which Freq. >= 50.05 & <50.10 Hz	11
NO. OF UD BLOCKS IN WHICH FREQ. >= 50.05 & <50.10 Hz	10
No. of Blocks in which Freq. >= 50.10	1
NO. OF VIOLATION(UD BLOCKS) IN WHICH FREQ. >= 50.10	0
AVERAGE FREQ. FOR THE DAY 22-Apr-19	49.99 Hz
Max O/D of the day	461 MW at 10.30-10.45 Hrs 50.03 HZ
Frequency Profile	% of Time
LESS THAN 49.7 HZ	0.00
LESS THAN 49.90 HZ	6.40
OPERATING RANGE (49.90 HZ TO 50.05 HZ)	78.10
ABOVE 50.05 HZ	15.50
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

4. WATER LEVEL OF MAJOR RESERVOIR

Name of reservoir	Capacity level		Actual Level as on		Discharge (cusecs)	Inflow (cusecs)
	Max.	Min.	23-Apr-19	23-Apr-18		
Gandhi Sagar (Ft.)	1312	1250	1250.60	1270.52	NIL	79
R.P.Sagar (Ft.)	1157.5	1128	1137.22	1140.28	NIL	196
Jawahar Sagar (Ft.)	980	970.4	976.90	979.90	NIL	NIL
Kota Barrage(Ft.)	854.5	852.3	851.90	850.10		
RMC					15	
LMC					NIL	
Bhakra(Ft.)	1690	1462	1623.43	1540.46	8347	16083
Dehar (Ft.)	2941	2900	2922.83	2921.06	7028	6771
Pong(Ft.)	1421	1260	1343.12	1293.67	805	4151
Mahi-I (Mts.)	281.5	259	268.30	269.80	NIL	NIL
Mahi-II (Mts.)	220.5	217	217.20	218.20	NIL	NIL

5. POSITION OF COAL STOCK (In MT)

Date	Name of Station	Stock at 00.00 hrs. (MT)	Coal stock sufficient for No. of days
23-Apr-19	KTPS	156764	8 DAYS
	STPS	439896	19.5 DAYS
	CHHABRA	114694	9 DAYS
	KALISINDH	236463	14.5 DAYS

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

23-Apr-19

(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	60	14.40	60	11-Jul-14	8.20		BED MATERIAL LEAKAGE (SD W.E.F.15.07.14)
DCCPP	HRSG#2	55.00	50	12.00	50	08-Oct-18	12.08		BOXED UP
DCCPP	HRSG#1	55.00	50	12.00	50	08-Oct-18	12.08		BOXED UP
DCCPP	GT#2	110.00	100	24.00	100	08-Oct-18	12.28		BOXED UP
DCCPP	GT#1	110.00	100	24.00	100	08-Oct-18	12.29		BOXED UP
STPS	6	250.00	229	55.00	229	16-Feb-19	13.48		BOXED UP
STPS	5	250.00	229	55.00	229	08-Mar-19	1.58		BOXED UP
STPS	2	250.00	229	55.00	229	14-Mar-19	12.47		BOXED UP
STPS	3	250.00	229	55.00	229	05-Apr-19	17.48		BOXED UP
KTPS	5	210.00	192	46.00	192	15-Apr-19	16.08		BOXED UP
KTPS	1	110.00	100	23.00	100	17-Apr-19	16.03		BOXED UP
KTPS	2	110.00	100	23.00	100	17-Apr-19	16.08		BOXED UP
Total(A) STATE SECTOR- PLANNED OUTAGE		1885.00	1668.00	398.40	1668.00				
CENTRAL SECTOR									
AURAIYA GPS	6	109.30	12	2.90	12	30-Nov-18	5.47		RESERVE SHUTDOWN-NON AVAILABILITY OF GAS
AURAIYA GPS	2	111.19	18	4.40	18	12-Jan-19	9.53		RESERVE SHUTDOWN
AURAIYA GPS	4	111.19	18	4.40	18	05-Jan-19	10.42		RESERVE SHUTDOWN
AURAIYA GPS	5	109.30	12	2.90	12	08-Jan-19	5.54		RESERVE SHUTDOWN
AURAIYA GPS	1	111.19	18	4.40	18	11-Jan-19	10.06		RESERVE SHUTDOWN
ANTA GPS	3	88.71	31	7.50	31	12-Jan-19	9.56		RESERVE SHUTDOWN
ANTA GPS	1	88.71	31	0.00	0	05-Feb-19	9.10	16-Apr-19	18.48
ANTA GPS	2	88.71	31	0.00	0	05-Feb-19	10.44	17-Apr-19	18.00
ANTA GPS	4	153.20	34	0.00	0	05-Feb-19	11.20	18-Apr-19	13.52
AURAIYA GPS	3	111.19	18	4.40	18	11-Feb-19	20.45		RESERVE SHUTDOWN
DADRRI GPS	2	130.19	22	5.30	22	08-Mar-19	18.20		RESERVE SHUTDOWN
SINGRAULI	1	200.00	34	8.20	34	02-Apr-19	22.31		ANNUAL OVER HAULING
DADRRI GPS	1	130.19	22	5.30	22	13-Apr-19	12.22		RESERVE SHUTDOWN
ANTA GPS	2	88.71	31	7.50	31	17-Apr-19	0.52		RESERVE SHUTDOWN
ANTA GPS	4	153.20	34	8.20	34	17-Apr-19	0.58		RESERVE SHUTDOWN
ANTA GPS	1	88.71	31	7.50	31	17-Apr-19	1.25		RESERVE SHUTDOWN
Total(A) CENTRAL SECTOR- PLANNED OUTAGE		1873.69	397.00	72.90	301.00				

(B) FORCE OUTAGE

STATE SECTOR

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-Jan-16	15.27	DESYNCHRONIZED DUE TO ATTEND TUBE LEAKAGE IN ASH COOLAR-1
RAMGARHI	GT3	110.00	100	24.00	100	07-Dec-18	20.45	INSUFFICIENT AVAILABILITY OF GAS
RAMGARHI	STG#2	50.00	40	9.60	40	05-Oct-18	10.58	NON AVAILABILITY OF SUFFICIENT GAS
KALISINDH	2	600.00	565	135.60	565	04-Apr-19	14.01	ELECTRICAL FAULT
CHHABRA(CSCTPP)	5	660.00	600	144.00	600	11-Apr-19	12.00	de-synchronised to attend boiler tube leakage
BTPS	2	125.00	110	26.40	110	12-Apr-19	0.17	MT DUE Major Overhaul.
RAJWEST	2	135.00	120	28.68	120	13-Apr-19	2.03	TURBINE BEARING TEAL PROBLEM
STPS	1	250.00	229	55.00	229	15-Apr-19	1.03	GENERATOR EARTH FAULT
RAJWEST	1	135.00	120	28.68	120	21-Apr-19	12.45	BED MATERIAL LEAKAGE
STPS	4	250.00	229	45.00	229	23-Apr-19	4.26	FURNACE PRESSURE HIGH
Total(B) STATE SECTOR-FORCED OUTAGE		2440.00	2183.00	513.76	2183.00			

CENTRAL SECTOR

NAME OF STATION	UNIT OUT	INSTALLED CAPACITY	NET ALLOC./ AVAIL. (MW)	DATE	TIME	REASON OF OUTAGE
Total(B) CENTRAL SECTOR-FORCED OUTAGE		0.00	0.00	0.00	0.00	
G.TOTAL			513.76	2183.00		

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 (\$).