



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

Power Position 21-Apr-17	Point No.
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1. Date-Wise Energy Availability, Consumption,OD(+)/UD(-), Peak Load, Avg. Frequency,Wind Gen. -APRIL- 2017

Date	Anticipated Availability (In LU)		Consumption (In LU)		OD(+)/UD(-) (In LU)		Peak Load (In MW)		Average freq. (In Hz)	WIND (in LU)
	2017	2016	2017	2016	2017	2016	2017	2016	2017	2017
Mar-17										
01-Apr-17	1886.47	1807.79	1739.48	1691.13	21.47	11.65	8166	7722	49.99	111.46
02-Apr-17	1836.49	1758.42	1697.94	1730.58	8.57	32.58	7764	7898	49.98	118.03
03-Apr-17	1809.01	1815.76	1705.07	1741.69	38.60	8.11	8216	7801	49.98	238.53
04-Apr-17	1727.02	1756.95	1688.41	1713.65	2.92	6.46	7611	7785	49.98	326.11
05-Apr-17	1795.43	1842.82	1646.55	1710.17	7.85	7.43	7707	7891	49.99	430.17
06-Apr-17	1836.36	1824.29	1627.90	1689.83	4.04	12.30	7966	7827	49.99	280.18
07-Apr-17	1711.83	1792.45	1672.23	1681.46	19.41	4.93	7826	7807	49.98	93.98
08-Apr-17	1679.29	1751.90	1594.09	1711.18	8.54	17.54	7492	7730	49.97	51.93
09-Apr-17	1679.29	1805.47	1518.00	1710.36	22.27	19.14	7196	7822	49.99	124.06
10-Apr-17	1652.80	1792.70	1576.75	1702.88	24.72	2.10	7643	7718	49.99	34.22
11-Apr-17	1596.57	1762.18	1622.03	1697.15	19.38	11.66	7623	7888	49.97	44.08
12-Apr-17	1697.11	1714.23	1701.26	1734.47	6.47	19.67	8004	7783	49.96	73.94
13-Apr-17	1730.20	1777.87	1733.93	1723.67	-0.82	23.21	7972	8167	49.96	68.29
14-Apr-17	1838.57	1843.10	1787.22	1757.32	8.22	-1.07	8522	8034	49.98	152.79
15-Apr-17	1833.36	1831.79	1817.22	1749.33	28.07	35.76	8702	7823	49.99	176.82
16-Apr-17	1851.53	1753.20	1797.35	1818.73	23.28	6.60	8360	8146	50.01	201.01
17-Apr-17	1855.07	1782.50	1845.39	1762.89	12.05	16.03	8658	8045	49.96	268.54
18-Apr-17	1844.37	1766.11	1840.06	1794.83	11.09	23.20	8621	8327	49.95	157.94
19-Apr-17	1893.76	1982.28	1875.90	1837.71	22.40	15.22	8925	8399	49.97	168.01
20-Apr-17	1942.81	1917.10	1921.10	1846.50	13.67	10.99	9155	8333	49.97	327.87
21-Apr-17	1790.55	1940.96								
22-Apr-17										
23-Apr-17										
24-Apr-17										
25-Apr-17										
26-Apr-17										
27-Apr-17										
28-Apr-17										
29-Apr-17										
30-Apr-17										
01-May-17										
01-Apr-17										
MAXIMUM OF THE MONTH	1942.81	1982.28	1921.10	1846.50	38.60	35.76	9155.00	8399.00	50.01	430.17
MIN OF THE MONTH	1596.57	1714.23	1518.00	1681.46	-0.82	-1.07	7196.00	7718.00	49.95	34.22
AVERAGE	1785.14	1810.47	1720.39	1740.28	15.11	14.18	8106.45	7947.30	49.98	172.40
MAX.CONSUMPTION TILL DATE DURING THE FY 2017-18 (L.U.)							1921.10	20-Apr-17		
MAX.PEAK LOAD TILL DATE DURING THE FY 2017-18 (MW)							9155	(23.00-23.15 Hrs.)	20-Apr-17	
MAX.CONSUMPTION DURING THE FY 2016-17 (L.U.)							2138.32	20-Sep-16		
MAX.PEAK LOAD DURING THE FY 2016-17 (MW)							10322	(07.00-07.15Hrs.)	ON 16-02-17	

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
		20-Apr-17		
1	KTPS (1240/1240)	42.00	42.00	37.94
2	STPS (1500/1500)	55.00	55.00	44.45
3	DHOLPUR GAS CCPP (330/330)	0.00	0.00	0.00
4	RAMGARH (273.5/273.5)	46.00	46.00	45.52
5	RAPP-A(200/200)	0.00	38.00	34.39
6	MAHI (140/140)	0.00	0.00	1.96
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)	120.00	162.00	216.83
10	ADANI (TPS) + KALISINDH (TPS) (1200+1200/1320+1200)	291.00	417.00	350.57
11	WIND FARM (3980.40/4119.15)	350.00	280.00	327.87
12	SOLAR POWER(737.70/1295.70)	0.00	0.00	0.00
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	-62.26	-66.98	-66.98
16	BIOMASS – (101.95/119.25)	6.00	7.00	6.23
17	BARSINGHAR LTPS(250/250)	27.00	27.00	25.03
18	RAJWEST (1080/1080)	225.00	225.00	180.03
	TOTAL (A) : 1-18	1099.74	1232.02	1203.84
19	BBMB COMPLEX			
a)	BHAKRA(230.79/1516.3)	15.85	13.28	15.62
b)	DEHAR (198/ 990)	21.43	30.16	29.76
c)	PONG (231.66/396)	16.10	13.56	16.54
	TOTAL : a TO c	53.38	57.00	61.92
20	CENTRAL STATIONS			
d)	SINGRAULI (300/ 2000)	78.08	78.08	78.08
e)	RIHAND (310.24/3000)	82.36	73.03	72.59
f)	UNCHAHAHAR-I(20/420)	3.10	0.36	1.63
g)	UNCHAHAHAR-II& III(61/630)	11.24	3.11	7.79
h)	INDIRA GANDHI STPS(JHAJHAR) 0.00/1500)	0.16	0.07	0.02
i)	NCTPS DADRI St-II (43.22/980) + DADRI-TH	2.09	0.93	2.78
j)	DADRI GAS (77/830)	3.44	4.45	3.44
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)	10.91	11.20	11.20
n)	RAPP-B (125/440)	31.09	31.01	31.01
o)	RAPP-C (88/440)	11.78	11.78	11.78
p)	SALAL (20.36/690)	4.25	4.31	4.37
q)	URI (70.37/720)	17.68	17.91	17.73
r)	TANAKPUR (10.86/94)	0.70	0.51	0.83
s)	CHAMERA –I (105.84/540)	25.15	25.15	25.15
t)	CHAMERA-II (29.01/300)	8.82	8.82	8.82
u)	CHAMERA-III (25.21/231)	7.25	7.24	7.24
v)	DHAULIGANGA (27/280)	5.03	5.07	5.07
w)	DULHASTI (42.42/390)	12.09	12.09	12.09
x)	SEWA (13/120)	3.92	3.92	3.92
y)	NJPC (112.00/1500)+RAMPUR(31.808/412.02)	43.59	39.81	43.60
z)	TEHRI (75/1000)	5.25	4.72	4.72
aa)	KOTESHWR (33.44/400) + PARBATI3 (56.73/520)	17.56	17.56	23.31
ab)	TALA	0.53	0.46	0.46
ac)	MUNDRA UMPP (380/4000)	53.76	53.76	53.76
ad)	SASAN (372/3960)	87.48	89.34	89.34
ae)	FRKKA+KHLGN+TLCHR (70.18/3940)	18.67	22.85	7.24
af)	URS POWER(DADRI TH-I)	0.00	0.00	0.00
	TOTAL SCHEDULE(a TO af)	599.35	584.52	589.89
	LOSSES	-20.01	-15.86	-25.63
	NET SCHEDULED	579.35	568.66	564.26
21	BILATERAL (REG.) EXCL. BANKING	23.84	23.84	21.03
22	BANKING	0.00	0.00	0.00
23	BILATERAL(INTER-REG.). EXCLUDING (ISOA & BANKING)	84.37	79.62	84.37
24	INTER STATE OPEN ACCESS (BILATERAL+IEX)	62.26	66.98	66.98
25	INDIAN ENERGY EXCHANGE	-59.00	-33.05	-33.05
	TOTAL(B): (19 TO 25)	690.82	710.79	703.59
	TOTAL GENERATION (A +B) : 1 TO 25			1907.43
	OVER DRAWAL (+)/UNDER DRAWAL (-)			13.67
	GRAND TOTAL	1790.55	1942.81	1921.10
	LAST YEAR	1940.96	1917.10	1846.50

3. SYSTEM PARAMETERS AS ON 20-Apr-17

MAXIMUM DRAWL ON 20-Apr-17	9155 MW at 23.00-23.15 Hrs 49.88 Hz
MINIMUM DRAWL ON 20-Apr-17	6785 MW at 18.15-18.30 Hrs 49.97 Hz
Max U/D of the day	503 MW at 18.00-18.15 Hrs 50.03 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	9
NO. OF VIOLATION (OD BLOCKS) IN WHICH FREQ. >= 49.7 & < 49.9 Hz	6
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	4
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	19
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 50.00 & < 50.05 Hz	2
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
AVERAGE FREQ. FOR THE DAY 20-Apr-17	49.97 Hz
Max O/D of the day	327 MW at 03.45-04.00 Hrs 49.99 Hz
Frequency Profile	% of Time
LESS THAN 48.7 HZ	0.17
LESS THAN 49.90 HZ	9.63
OPERATING RANGE (49.90 HZ TO 50.05 HZ)	76.97
ABOVE 50.05 HZ	13.23
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	18
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.	21-Apr-17	21-Apr-16		
Gandhi Sagar (Ft.)	1312	1250	1296.24	1288.98	NIL	NA
R.P.Sagar (Ft.)	1157.5	1128	1137.95	1138.91	NIL	NIL
Jawahar Sagar (Ft.)	980	970.4	977.20	974.50	NIL	NIL
Kota Barrage(Ft.)	854.5	852.3	853.20	850.10		
RMC					20	
LMC					NIL	
Bhakra(Ft.)	1690	1462	1534.03	1569.14	11836	23742
Dehar (Ft.)	2941	2900	2935.56	2916.40	7578	10081
Pong(Ft.)	1421	1260	1302.33	1296.27	7055	2742
Mahi-I (Mts.)	281.5	259	269.90	266.70	NIL	NIL
Mahi-II (Mts.)	220.5	217	219.05	218.30	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
21-Apr-17	KTPS	603614	30 days
	STPS	405399	16 days
	CHHABRA	234644	31.5 days
	KALISINDH	130226	9.5 days

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

21-Apr-17

(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.15.07.14)
DCCPP	HRS#1	55.00	50	12.00	50	03-Oct-15	22.35			DESYNCHRONIZED DUE TO LESS ALLOCATION OF GAS (PERMISSION NOT GRANTED BY RPPCL)
DCCPP	GT#1	110.00	100	24.00	100	08-May-16	11.85			
DCCPP	HRS#2*	55.00	50	12.00	50	13-Jul-16	16.35			BOXED UP
DCCPP	GT#2*	110.00	100	24.00	100	13-Jul-16	16.40			BOXED UP
STPS	5*	250.00	229	55.00	229	11-Nov-16	12.32			BOXED UP
STPS	6*	250.00	229	55.00	229	19-Nov-16	8.31			BOXED UP
STPS	4*	250.00	229	55.00	229	29-Dec-16	1.17			BOXED UP
STPS	3*	250.00	229	55.00	229	29-Dec-16	5.23			BOXED UP
STPS	2*	250.00	229	55.00	229	04-Mar-17	20.82			BOXED UP
KTPS	5*	210.00	192	46.00	192	08-Mar-17	12.24			BOXED UP
KTPS	1*	110.00	100	23.00	100	10-Mar-17	14.42			BOXED UP
KTPS	3*	210.00	192	46.00	192	10-Mar-17	16.84			BOXED UP
KTPS	2	110.00	100	23.00	100	09-Mar-17	13.86			DESYNCHRONIZED DUE TO LEAKAGE IN STEAM LINE (PERMISSION NOT GRANTED BY RPPCL)
KTPS	4*	210.00	192	46.00	192	17-Apr-17	21.15			BOXED UP
KTPS	7*	195.00	175	42.00	175	17-Apr-17	23.84			BOXED UP
RAMGARH	GT#1	35.50	29	7.00	29	19-Apr-17	12.12			LESS GAS AVAILABILITY
Total(A) STATE SECTOR- PLANNED OUTAGE		2785.50	2495.00	596.80	2495.00					

CENTRAL SECTOR

AURAIYA	GT#6	109.30	12	2.90	12	20-Jun-16	5.37			LESS GAS AVAILABILITY
AURAIYA	GT#4	111.19	18	4.40	18	20-Jun-16	5.53			LESS GAS AVAILABILITY
AURAIYA	GT#2	111.19	18	4.40	18	09-Sep-16	4.25			LESS GAS AVAILABILITY
ANTA	GT#1	88.71	31	7.50	31	18-Nov-16	14.28			LESS GAS AVAILABILITY
STPP-JHAJAR	3*	500.00	5	1.20	5	22-Dec-16	20.21			LESS DEMAND
ANTA	GT#2	88.71	31	7.50	31	15-Mar-17	19.83			LESS GAS AVAILABILITY
ANTA	GT#3	88.71	31	7.50	31	15-Mar-17	17.33			LESS GAS AVAILABILITY
ANTA	GT#4	153.20	34	8.20	34	15-Mar-17	17.44			LESS GAS AVAILABILITY
AURAIYA	GT#5	109.30	12	2.90	12	19-Mar-17	17.44			LESS GAS AVAILABILITY
AURAIYA	GT#1	111.19	18	4.40	18	19-Mar-17	17.53			LESS GAS AVAILABILITY
SINGRAULI	1	200.00	34	8.20	34	30-Mar-17	8.38	07-May-17		ANNUAL MAINTENANCE
RIBAND	4	500.00	59	14.20	59	02-Apr-17	22.31	30-Apr-17		ANNUAL MAINTENANCE
DABRI	GT#1	130.19	22	5.30	22	12-Apr-17	31.80			LESS GAS AVAILABILITY
Total(A) CENTRAL SECTOR- PLANNED OUTAGE		2301.69	325.00	78.60	325.00					

(B) FORCE OUTAGE

STATE SECTOR

STATE SECTOR

GIRAL	2	125.00	70	16.80	70	27-Jan-16	15.27	01-May-17		DESYNCHRONIZED DUE TO ATTEND TUBE LEAKAGE IN ASH COOLAR-I
ADANI	1	600.00	600	144.00	600	03-Apr-17	8.06	30-Apr-17		TURBINE BEARING ONE METAL HIGHER TEMPERATURE
BARSINGAR	2	125.00	110	26.40	110	17-Apr-17	20.80	21-Apr-17		REFRACTORY BREAKAGE IN BOILER AREA
CHHABRA	3	250.00	225	54.00	225	19-Apr-17	7.57	21-Apr-17		DESYNCHRONIZED DUE TO ABNORMAL SOUND IN AIR PRE-HEATER
RAPP-A	2	200.00	150	36.00	150	20-Apr-17	20.89	21-Apr-17		TO ATTEND PLANNED JOBS
KALISINDH	1	600.00	565	128.44	565	21-Apr-17	1.16	21-Apr-17		BOILER TUBE LEAKAGE
CHHABRA	1	250.00	225	42.30	225	21-Apr-17	5.12	21-Apr-17		BOILER TUBE LEAKAGE
TOTAL STATE FORCE OUTAGE		2210.00	1945.00	447.94	1945.00					

CENTRAL SECTOR

RAPP-C	2	220.00	44	10.50	44	20-Mar-17	17.89			GENERATOR STATOR EARTH FAULT PROBLEM
DABRI	GT#2	130.19	22	5.30	22	12-Apr-17	21.58			LESS GAS AVAILABILITY
SINGRAULI	5	200.00	34	8.20	34	18-Apr-17	7.13			HYDROGEN PRESSURE LOW
RIBAND	3	500.00	59	14.20	59	19-Apr-17	5.30			BOILER TUBE LEAKAGE
Total(B) CENTRAL SECTOR- FORCED OUTAGE		1050.19	159.00	38.20	159.00					

G.TOTAL		486.14	2104.00
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).			