



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

Power Position 18-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		
Mar-17	2017	2016	2017	2016	2017	2016	2017	2016	2017	2017
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								
19-Apr-17										
20-Apr-17										
21-Apr-17										
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	1886.47	1843.10	1845.39	1818.73	38.60	35.76	8702.00	8167.00	50.01	430.17
MIN OF THE MONTH	1596.57	1714.23	1518.00	1681.46	-0.82	-1.07	7196.00	7718.00	49.96	34.22
AVERAGE	1770.04	1787.75	1692.40	1725.09	15.00	13.77	7966.35	7875.71	49.98	164.36
MAX.CONSUMPTION TILL DATE DURING THE FY 2017-18 (L.U.)							1845.39	17-Apr-17		
MAX.PEAK LOAD TILL DATE DURING THE FY 2017-18 (MW)							8702	(22.30-22.45 Hrs.)	16-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
		17-Apr-17		
1	KTPS (1240/1240)	42.00	130.00	107.43
2	STPS (1500/1500)	55.00	55.00	44.56
3	DHOLPUR GAS CCPP (330/330)	0.00	0.00	0.00
4	RAMGARH (273.5/273.5)	46.00	45.00	49.93
5	RAPP-A(200/200)	38.00	38.00	42.22
6	MAHI (140/140)	0.00	0.00	1.30
7	CHAMBAL (RPS+JS) (135.5/271)	0.00	0.00	0.19
8	GIRAL LIGNITE (250/250)	0.00	0.00	0.00
9	CHHABRA TPS 1000/1000)	162.00	218.00	233.91
10	ADANI (TPS) + KALISINDH (TPS) (1200+1200/1320+1200)	419.00	284.00	249.88
11	WIND FARM (3980.40/4119.15)	195.00	200.00	268.54
12	SOLAR POWER(737.70/1295.70)	0.00	0.00	1.65
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	-69.59	-58.78	-58.78
16	BIOMASS – (101.95/119.25)	9.00	9.00	8.44
17	BARSINGHAR LTPS(250/250)	27.00	54.00	43.10
18	RAJWEST (1080/1080)	197.00	197.00	153.88
	TOTAL (A) : 1-18	1120.41	1171.22	1146.25
19	BBMB COMPLEX			
a)	BHAKRA(230.79/1516.3)	13.47	12.35	12.87
b)	DEHAR (198/ 990)	28.20	23.12	27.24
c)	PONG (231.66/396)	3.27	3.27	3.11
	TOTAL : a TO c	44.94	38.74	43.22
20	CENTRAL STATIONS			
d)	SINGRAULI (300/ 2000)	78.08	72.06	72.06
e)	RIHAND (310.24/3000)	91.21	87.17	86.88
f)	UNCHAHAHAR-I(20/420)	0.02	0.00	1.16
g)	UNCHAHAHAR-II& III(61/630)	0.02	6.95	11.03
h)	INDIRA GANDHI STPS(JHAJHAR) 0.00/1500)	0.04	0.07	0.21
i)	NCTPS DADRI St-II (43.22/980) + DADRI-TH	0.34	0.45	2.11
j)	DADRI GAS (77/830)	3.19	4.31	3.80
k)	ANTA (83.07/419)	0.00	0.00	0.00
l)	AURAIYA (61.03/663)	0.14	3.77	3.63
m)	NAPP (44/440)	11.40	11.23	11.23
n)	RAPP-B (125/440)	31.09	31.09	31.09
o)	RAPP-C (88/440)	11.78	11.78	11.78
p)	SALAL (20.36/690)	4.29	4.25	4.34
q)	URI (70.37/720)	17.91	17.91	17.91
r)	TANAKPUR (10.86/94)	0.43	0.41	0.43
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)	7.23	7.23	7.23
v)	DHAULIGANGA (27/280)	3.25	2.31	2.88
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)	28.66	23.66	27.85
z)	TEHRI (75/1000)	4.72	4.72	4.72
aa)	KOTESHWAR (33.44/400) + PARBATI3 (56.73/520)	9.37	9.37	15.36
ab)	TALA	0.55	0.55	0.55
ac)	MUNDRA UMPP (380/4000)	53.76	53.76	53.76
ad)	SASAN (372/3960)	85.62	74.90	75.41
ae)	FRKKA+KHLGN+TLCHR (70.18/3940)	20.87	20.33	6.80
af)	URS POWER(DADRI TH-I)	0.00	0.00	0.00
	TOTAL SCHEDULE (a TO af)	558.90	537.00	545.43
	LOSSES	-18.46	-19.23	-24.18
	NET SCHEDULED	540.44	517.77	521.26
21	BILATERAL (REG.) EXCL. BANKING	16.33	12.15	14.46
22	BANKING	0.00	0.00	0.00
23	BILATERAL (INTER-REG.), EXCLUDING (ISOA & BANKING)	112.94	105.72	110.06
24	INTER STATE OPEN ACCESS (BILATERAL+IEX)	69.59	58.78	58.78
25	INDIAN ENERGY EXCHANGE	-15.33	-17.46	-17.46
	TOTAL(B): (19 TO 25)	723.96	683.85	687.09
	TOTAL GENERATION (A +B) : 1 TO 25			1833.34
	OVER DRAWAL (+)/UNDER DRAWAL (-)			12.05
	GRAND TOTAL	1844.37	1855.07	1845.39
	LAST YEAR	1766.11	1782.50	1762.89

3. SYSTEM PARAMETERS AS ON 17-Apr-17

MAXIMUM DRAWL ON 17-Apr-17	8658 MW at 22:45-23:00 Hrs 49.91 Hz
MINIMUM DRAWL ON 17-Apr-17	6858 MW at 18:30-18:45 Hrs 49.98 Hz
Max U/D of the day	448 MW at 22:00-22:15 Hrs 49.84 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	13
NO. OF VIOLATION (OD BLOCKS) IN WHICH FREQ. >= 49.7 & <49.9 Hz	2
No. of Blocks in which Freq. >= 49.9 & <50.0 Hz	61
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & <50.0 Hz	6
NO. OF BLOCKS(UD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & <50.0 Hz	6
No. of Blocks in which Freq. >= 50.0 & <50.05 Hz	20
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 50.0 & <50.05 Hz	1
NO. OF BLOCKS(UD ABOVE 250 MW) IN WHICH FREQ. >= 50.0 & <50.05 Hz	0
No. of Blocks in which Freq. >= 50.05 & <50.10 Hz	2
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 17-Apr-17	49.96 Hz
Max O/D of the day	401 MW at 00:15-00:30 Hrs 49.98 Hz
Frequency Profile	% of Time
LESS THAN 48.7 HZ	0.00
LESS THAN 49.90 HZ	12.84
OPERATING RANGE (49.90 HZ TO 50.05 HZ)	74.02
ABOVE 50.05 HZ	13.14
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 (cumecs)	Inflow (cumecs)
	Max.	Min.	18-Apr-17	18-Apr-16		
Gandhi Sagar (Ft.)	1312	1250	1296.30	1289.20	NIL	331
R.P.Sagar (Ft.)	1157.5	1128	1138.06	1138.97	79	NA
Jawahar Sagar (Ft.)	980	970.4	976.80	974.40	NIL	NA
Kota Barrage(Ft.)	854.5	852.3	853.40	850.50		
RMC					20	
LMC					NIL	
Bhakra(Ft.)	1690	1462	1530.40	1569.73	8558	13524
Dehar (Ft.)	2941	2900	2927.03	2922.44	7946	8384
Pong(Ft.)	1421	1260	1302.78	1297.42	1507	3086
Mahi-I (Mts.)	281.5	259	270.00	266.70	NIL	NIL
Mahi-II (Mts.)	220.5	217	219.05	218.00	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
18-Apr-17	KTPS	588221	29.5 DAYS
	STPS	409862	16.5 DAYS
	CHHABRA	220699	29.5 DAYS
	KALISINDH	167200	12 DAYS

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

18-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		RED MATERIAL LEAKAGE (SD W.E.F.15/97.14)	
DCPP	HRSG1	55.00	50	12.00	50	03-Oct-15	22.35		DESYNCHRONIZED DUE TO LESS ALLOCATION OF GAS (PERMISSION NOT GRANTED BY RUVNL)	
DCPP	GT1	110.00	100	24.00	100	08-May-16	11.85		MT AFTER CARRYING OUT PSS TUNING WORK (PERMISSION TAKEN FOR TEST RUN OF 01.00 HRS. ON DT. 08.05.16)	
DCPP	HRSG2*	55.00	50	12.00	50	13-Jul-16	16.35		BOXED UP	
DCPP	GT2*	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	0.31		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	20.02		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 RDPPC)	
KALISINDH	1	600.00	565	0.00	0	27-Mar-17	21.19	17-Apr-17	8.18	DESYNCHRONIZED DUE TO BOILER TUBE LEAKAGE (PERMISSION NOT GRANTED BY RUVNL FROM 11.13 HRS. 02.04.17)
RAMGARH	GT2	37.50	29	0.00	0	11-Apr-17	15.20	17-Apr-17	11.37	LESS GAS AVAILABILITY
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
Total(A) STATE SECTOR- PLANNED OUTAGE			3387.50	3060.00	589.80	2466.00				

CENTRAL SECTOR

AURAIYA	GT16	109.30	12	2.90	12	20-Jun-16	5.37			LESS GAS AVAILABILITY
AURAIYA	GT14	111.19	18	4.40	18	20-Jun-16	5.53			LESS GAS AVAILABILITY
AURAIYA	GT12	111.19	18	4.40	18	09-Sep-16	4.25			LESS GAS AVAILABILITY
ANTA	GT11	88.71	31	7.50	31	18-Nov-16	14.28			LESS GAS AVAILABILITY
ISTPP-JHAJJAR	3*	500.00	5	1.20	5	22-Dec-16	20.21			LESS DEMAND
ANTA	GT12	88.71	31	7.50	31	15-Mar-17	19.83			LESS GAS AVAILABILITY
ANTA	GT13	88.71	31	7.50	31	15-Mar-17	17.33			LESS GAS AVAILABILITY
ANTA	GT14	153.20	34	8.20	34	15-Mar-17	17.44			LESS GAS AVAILABILITY
AURAIYA	GT15	109.30	12	2.90	12	19-Mar-17	17.44			LESS GAS AVAILABILITY
AURAIYA	GT11	111.19	18	4.40	18	19-Mar-17	17.53			LESS GAS AVAILABILITY
SINGRAOLI	1	200.00	34	8.20	34	20-Mar-17	0.38	07-May-17		ANNUAL MAINTENANCE
RIBAND	4	500.00	59	14.20	59	02-Apr-17	22.31	30-Apr-17		ANNUAL MAINTENANCE
DABRI	GT14	130.19	22	5.30	22	12-Apr-17	21.80			LESS GAS AVAILABILITY
Total(B) CENTRAL SECTOR- PLANNED OUTAGE			2201.69	325.00	78.60	325.00				

(B) FORCE OUTAGE

STATE SECTOR

STATE SECTOR

GIRAL	2	125.00	70	16.80	70	27-Jun-16	15.27	01-May-17		DESYNCHRONIZED DUE TO ATTEND TUBE LEAKAGE IN ASH COOLAR-I	
ADANI	1	660.00	600	144.00	600	03-Apr-17	8.86	20-Apr-17		TURBINE BEARING ONE METAL HIGHER TEMPERATURE	
RAJWEST	6	135.00	120	28.80	120	15-Apr-17	18.30	18-Apr-17		TURBINE SIDE STEAM LEAKAGE	
CTPP	4	250.00	210	54.00	210	17-Apr-17	11.38	18-Apr-17		REHEAT PROTECTION	
KALISINDH	1	600.00	565	0.00	0	17-Apr-17	9.41	17-Apr-17	18.83	LP DRUM LEVEL HIGH	
BARSINGAR	2	125.00	110	26.40	110	17-Apr-17	20.80	21-Apr-17		REFRACTORY BREAKAGE IN BOILER AREA	
TOTAL STATE FORCE OUTAGE			1895.00	1674.50	269.88	1109.50					

CENTRAL SECTOR

RAPP-C	2	220.00	44	10.50	44	20-Mar-17	17.89			GENERATOR STATOR EARTH FAULT PROBLEM	
DABRI	GT12	130.19	22	5.30	22	12-Apr-17	21.58			LESS GAS AVAILABILITY	
Total(B) CENTRAL SECTOR- PLANNED OUTAGE			350.19	66.00	15.80	66.00					

G.TOTAL		285.68	1175.50
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 (\$).			