



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

Power Position 28-Jul-17		Point No.
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1. Date-Wise Energy Availability, Consumption,OD(+)/UD(-), Peak Load, Avg. Frequency,Wind Gen. -JUNE- 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		
Jun-17										
01-Jul-17	1598.79	2007.54	1429.11	1750.35	26.54	-0.27	7214	8343	49.99	59.72
02-Jul-17	1733.97	1949.49	1387.56	1647.08	20.29	-3.83	6861	7817	50.01	141.91
03-Jul-17	1527.20	1867.32	1422.68	1578.57	-9.04	18.44	6862	7410	49.97	300.78
04-Jul-17	1688.36	1753.63	1480.05	1554.49	-0.57	26.84	7462	7516	49.99	482.76
05-Jul-17	1686.14	1852.92	1642.02	1661.54	25.78	8.44	8338	8110	49.99	459.66
06-Jul-17	1862.49	1781.84	1774.40	1779.17	25.26	12.78	8894	8487	50.01	458.93
07-Jul-17	1773.03	1952.72	1856.60	1852.36	30.41	9.57	8727	8415	49.97	277.45
08-Jul-17	1763.64	1852.59	1889.42	1849.52	26.78	55.45	8568	8275	49.96	217.78
09-Jul-17	1835.33	1715.74	1939.92	1787.04	18.23	26.96	9218	8084	50.00	356.36
10-Jul-17	1938.11	1900.43	1979.04	1751.72	13.12	33.43	9795	7884	49.99	440.83
11-Jul-17	1975.94	1873.34	2057.75	1697.65	16.76	9.54	9613	7598	50.00	470.40
12-Jul-17	1943.50	1849.40	2004.60	1662.20	22.79	26.76	9154	7531	49.99	388.24
13-Jul-17	1867.76	1883.48	1822.66	1613.39	41.91	7.15	8698	7518	49.99	116.90
14-Jul-17	1540.41	1850.58	1689.23	1652.74	52.34	5.81	8018	7509	50.00	94.27
15-Jul-17	1754.32	1878.50	1762.00	1562.13	22.33	7.74	7798	7448	49.99	66.73
16-Jul-17	1730.31	1760.14	1699.62	1418.02	23.31	-8.47	8022	6559	49.99	39.03
17-Jul-17	1717.69	1730.94	1775.55	1420.42	17.17	6.03	8067	6603	49.98	36.95
18-Jul-17	1796.91	1671.28	1723.41	1573.58	-6.65	38.36	8227	7536	49.98	45.61
19-Jul-17	1741.66	1713.29	1756.14	1693.85	-2.50	38.82	7783	7991	50.00	50.19
20-Jul-17	1807.35	1750.83	1725.97	1781.16	-7.18	31.23	8098	8466	50.01	72.88
21-Jul-17	1983.70	1930.22	1706.54	1899.37	5.29	8.43	8070	8974	49.99	32.11
22-Jul-17	1902.40	2061.26	1616.82	1955.73	8.08	17.17	7729	9099	50.00	96.50
23-Jul-17	1742.40	2030.81	1438.61	2052.57	8.01	49.67	7131	9168	50.02	110.44
24-Jul-17	1759.99	2121.65	1456.96	1933.88	23.28	27.21	6877	8944	50.01	147.38
25-Jul-17	1479.76	2027.91	1482.05	1952.30	13.07	9.68	7646	8905	50.00	174.31
26-Jul-17	1622.88	2002.63	1593.43	1913.67	35.52	-18.26	7516	8589	49.98	79.41
27-Jul-17	1681.81	1874.32	1724.53	1624.46	17.38	-4.47	8504	7559	49.95	50.47
28-Jul-17	1768.37	1913.98								
29-Jul-17										
30-Jul-17										
31-Jul-17										
MAXIMUM OF THE MONTH	1983.70	2121.65	2057.75	2052.57	52.34	55.45	9795.00	9168.00	50.02	482.76
MIN OF THE MONTH	1479.76	1671.28	1387.56	1418.02	-9.04	-18.26	6861.00	6559.00	49.95	32.11
AVERAGE	1770.04	1880.98	1697.65	1726.63	17.32	16.30	8107.04	8012.52	49.99	195.11
MAX.CONSUMPTION TILL DATE DURING THE FY 2017-18 (L.U.)							2211.92	06-Jun-17		
MAX.PEAK LOAD TILL DATE DURING THE FY 2017-18 (MW)							10347	(23.15-23.30 Hrs.)	06-Jun-17	
MAX.CONSUMPTION DURING THE FY 2016-17 (L.U.)							2114.62	20-Sep-16		
MAX.PEAK LOAD DURING THE FY 2016-17 (MW)							9906	(07.00-07.15Hrs.)	ON 16-02-17	
MAX.WIND TILL DATE DURING THE YEAR 2017-18 (L.U.)							482.76	04-Jul-17		
MAX.WIND DURING THE YEAR 2016-17 (L.U.)							413.67	06-Jul-16		

2. Anticipated Availability/Generation Assessment 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
		27-Jul-17		
1	KTPS (1240/1240)	42.00	42.00	39.25
2	STPS (1500/1500)	55.00	55.00	53.10
3	DHOLPUR GAS CAPP (330/330)	0.00	0.00	0.00
4	RAMGARH (273.5/273.5)	45.00	45.00	45.52
5	RAPP-A(200/200)	36.00	36.00	40.57
6	MAHI (140/140)	0.00	0.00	1.16
7	CHAMBAL (RPS+JS) (135.5/271)	0.00	0.00	2.09
8	GIRAL LIGNITE (250/250)	0.00	0.00	0.00
9	CHHABRA TPS 1000/1000)	218.00	218.00	297.56
10	ADANI (TPS) + KALISINDH (TPS) (1200+1200/1320+1200)	423.60	288.00	313.21
11	WIND FARM (3980.40/4119.15)	80.00	50.00	50.47
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	-73.19	-72.05	-70.75
16	BIOMASS – (101.95/119.25)	6.00	5.00	5.73
17	BARSINGHAR LTPS(250/250)	31.00	54.00	51.26
18	RAJWEST (1080/1080)	138.00	172.00	83.21
	TOTAL (A) : 1-18	1001.41	892.95	912.38
19	BBMB COMPLEX			
a)	BHAKRA(230.79/1516.3)	33.86	34.32	34.18
b)	DEHAR (198/ 990)	29.48	29.50	29.23
c)	PONG (231.66/396)	24.92	19.11	24.82
	TOTAL : a TO c	88.26	82.93	88.23
20	CENTRAL STATIONS			
d)	SINGRAULI (300/ 2000)	78.61	80.09	74.91
e)	RIHAND (310.24/3000)	95.94	95.89	92.02
f)	UNCHAHAHAR-I(20/420)	0.70	2.54	4.89
g)	UNCHAHAHAR-II& III(61/630)	2.60	10.02	19.47
h)	INDIRA GANDHI STPS(JHAJHAR) 0.00/1500)	0.00	0.00	0.00
i)	NCTPS DADRI St-II (43.22/980) + DADRI-TH	1.83	6.67	12.83
j)	DADRI GAS (77/830)	3.71	1.65	3.17
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)	9.12	9.10	9.10
n)	RAPP-B (125/440)	31.09	31.09	31.09
o)	RAPP-C (88/440)	20.58	20.58	20.58
p)	SALAL (20.36/690)	4.76	4.76	4.76
q)	URI (70.37/720)	15.84	16.73	16.71
r)	TANAKPUR (10.86/94)	2.50	2.51	2.44
s)	CHAMERA –I (105.84/540)	25.15	25.12	25.15
t)	CHAMERA-II (29.01/300)	6.33	6.96	6.96
u)	CHAMERA-III (25.21/231)	6.02	5.97	5.97
v)	DHAULIGANGA (27/280)	6.50	6.50	6.50
w)	DULHASTI (42.42/390)	10.09	10.09	10.09
x)	SEWA (13/120)	3.28	3.27	3.27
y)	NJPC (112.00/1500)+RAMPUR(31.808/412.02)	34.83	34.83	34.83
z)	TEHRI (75/1000)	15.75	15.75	15.75
aa)	KOTESHWR (33.44/400) + PARBATI3 (56.73/520)	20.40	31.84	34.09
ab)	TALA	3.65	3.71	3.71
ac)	MUNDRA UMPP (380/4000)	87.30	90.00	86.69
ad)	SASAN (372/3960)	78.66	75.60	75.24
ae)	FRKKA+KHLGN+TLCHR (70.18/3940)	24.44	31.44	26.00
af)	URS POWER(DADRI TH-I)	0.00	0.00	0.00
	TOTAL SCHEDULED(a TO af)	677.94	705.62	714.45
	LOSSES	-12.41	-24.05	-24.23
	NET SCHEDULED	665.53	681.57	690.22
21	BILATERAL (REG.) EXCL. BANKING	26.35	26.35	26.35
22	BANKING	-48.17	-48.17	-48.17
23	BILATERAL(INTER-REG.) EXCLUDING (ISOA & BANKING)	57.68	56.39	56.24
24	INTER STATE OPEN ACCESS (BILATERAL+IEX)	73.19	72.05	70.75
25	INDIAN ENERGY EXCHANGE	-7.62	-0.62	-0.62
	TOTAL(B): (19 TO 25)	766.96	788.87	794.77
	TOTAL GENERATION (A +B) : 1 TO 25			1707.15
	OVER DRAWAL (+)/UNDER DRAWAL (-)			17.38
	GRAND TOTAL	1768.37	1681.81	1724.53
	LAST YEAR	1913.98	1874.32	1624.46

3. SYSTEM PARAMETERS AS ON 27-Jul-17

MAXIMUM DRAWL ON 27-Jul-17	8504 MW at 23.45-24.00 Hrs 50.04 Hz
MINIMUM DRAWL ON 27-Jul-17	6378 MW at 18.36-18.45 Hrs 49.97 Hz
Max U/D of the day	459 MW at 22.15 Hrs 49.87 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	24
NO. OF VIOLATION (OD BLOCKS) IN WHICH FREQ. >= 49.7 & <49.9 Hz	12
No. of Blocks in which Freq. >= 49.9 & <50.00 Hz	44
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & <50.00 Hz	6
NO. OF BLOCKS(UD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & <50.00 Hz	4
No. of Blocks in which Freq. >= 50.00 & <50.05 Hz	23
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 50.00 & <50.05 Hz	5
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	27-Jul-17 49.95 Hz
Max O/D of the day	482 MW at 20.45 Hrs 49.87 Hz
Frequency Profile	% of Time
LESS THAN 49.7 HZ	0.00
LESS THAN 49.90 HZ	NA
OPERATING RANGE (49.90 HZ TO 50.05 HZ)	NA
ABOVE 50.05 HZ	#VALUE!
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	22
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.	28-Jul-17	27-Jul-17		
Gandhi Sagar (Fl.)	1312	1250	1294.16	1287.42	N/A	NA
R.P.Sagar (Fl.)	1157.5	1128	1143.21	1149.66	699	NA
Jawahar Sagar (Fl.)	980	970.4	972.90	975.60	100	NA
Kota Barrage(Fl.)	854.5	852.3	850.40	851.10		
RMC					20	
LMC					NIL	
Bhakra(Fl.)	1690	1462	1618.98	1592.10	25258	55597
Dehar (Fl.)	2941	2900	2920.40	2921.91	8397	26737
Pong(Fl.)	1421	1260	1340.02	1314.91	10013	39009
Mahi-I (Mts.)	281.5	259	276.05	271.40	435	NA
Mahi-II (Mts.)	220.5	217	218.65	217.10	39	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
28-Jul-17	KTPS	277228	13.5 Days
	STPS	89353	3.5 Days
	CHHABRA	111090	14.5 Days
	KALISINDH	190459	13.5 Days

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

28-Jul-17

A) PLANNED OUTAGE

NAME OF STATION	UNIT OUT	INSTALLED CAPACITY	NET ALLOC./AVAIL. (MW)		OUTAGE		EXPECT./REYNAL		REASON OF OUTAGE	
					DATE	TIME	DATE	TIME		
STATE SECTOR										
GIRAL	1	125.00	70	16.80	70	11-Jul-17	8.20		RED MATERIAL LEAKAGE (SB W.E.F.15.07.14)	
DCCPP	HRNGH	85.00	50	12.00	50	03-Oct-15	22.35		DESYNCHRONIZED DUE TO LESS ALLOCATION OF GAS (PERMISSION NOT GRANTED BY RUVM)	
DCCPP	GT#1	110.00	100	24.00	100	08-May-16	11.05		MT AFTER CARRYING OUT PS TUNING WORK (PERMISSION TAKEN FOR TEST RUN OF HRMS ON DT. 08.05.16)	
DCCPP	HRNG2	85.00	50	12.00	50	13-Jul-16	16.25		BOXED UP	
DCCPP	GT#2	110.00	100	24.00	100	13-Jul-16	16.40		BOXED UP	
STPS	5*	250.00	229	85.00	229	10-May-17	17.00		BOXED UP	
STPS	6*	250.00	229	85.00	229	16-May-17	21.41		BOXED UP	
KTPS	4*	210.00	192	46.00	192	28-Jun-17	12.06		BOXED UP(SHUT DOWN TAKEN AT 07:00 HRS/14.7.17 BY KTFN)	
KALISINDH	1*	400.00	565	135.60	565	29-Jun-17	12.44		BOXED UP (SHUT DOWN TAKEN AT 06:40 HRS/07.17 FOR 15 DAYS BY KALISINDH)	
STPS	2*	250.00	229	85.00	229	04-Jul-17	14.22		DESYNCHRONIZED AGAINST STPS WHICH WAS BOXED UP	
STPS	1	250.00	229	85.00	229	13-Jul-17	3.17		DESYNCHRONIZED DUE TO STEAM LEAKAGE IN BOILER DRUM (PERMISSION NOT GRANTED BY RUVM ON DT. 13.07.17)	
STPS	3*	250.00	229	85.00	229	16-Jul-17	16.05		BOXED UP	
KTPS	5	210.00	192	46.00	192	19-Jul-17	3.01		DESYNCHRONIZED DUE TO CLEANING OF CONDENSER (PERMISSION NOT GRANTED BY RUVM ON DT. 19.07.17 W.F.F. 16.62 HR)	
KTPS	2*	110.00	100	23.00	100	21-Jul-17	12.46		BOXED UP	
KTPS	1*	110.00	100	23.00	100	21-Jul-17	12.48		BOXED UP	
KTPS	3*	210.00	192	46.00	192	22-Jul-17	12.48		BOXED UP	
KTPS	6*	195.00	175	42.00	175	22-Jul-17	17.18		BOXED UP	
KALISINDH	2	400.00	565	8.00	0	24-Jul-17	12.06	27-Jul-17	16.40	BOXED UP
Total A STATE SECTOR-PLANNED OUTAGE		3590.00	3590.00	725.40	2633.00					

CENTRAL SECTOR

DABHI	GT#4	130.19	22	5.20	22	06-Apr-17	0.21		LESS GAS AVAILABILITY
DABHI	GT#6	154.51	16	3.90	16	06-Apr-17	21.18		LESS GAS AVAILABILITY
DABHI	GT#3	130.19	22	5.20	22	06-Apr-17	21.27		LESS GAS AVAILABILITY
AURAYA	GT#4	111.19	18	4.40	18	07-May-17	22.83		LESS GAS AVAILABILITY
AURAYA	GT#6	109.20	12	2.90	12	12-May-17	21.05		LESS GAS AVAILABILITY
AURAYA	GT#3	111.19	18	4.40	18	12-May-17	21.13		LESS GAS AVAILABILITY
AURAYA	GT#2	111.19	18	4.40	18	20-May-17	4.06		LESS GAS AVAILABILITY
AURAYA	GT#5	109.20	12	2.90	12	20-May-17	5.15		LESS GAS AVAILABILITY
AURAYA	GT#1	111.19	18	4.40	18	20-May-17	5.22		LESS GAS AVAILABILITY
ANTA	GT#3	88.71	21	7.50	21	08-Jun-17	12.16		LESS GAS AVAILABILITY
ANTA	GT#2	88.71	21	7.50	21	09-Jun-17	21.51		LESS GAS AVAILABILITY
ANTA	GT#4	153.20	24	8.20	24	09-Jun-17	22.05		LESS GAS AVAILABILITY
ANTA	GT#1	88.71	21	7.50	21	09-Jun-17	22.31		LESS GAS AVAILABILITY
RIBAND	6	500.00	70	16.80	70	03-Jul-17	0.02	21-Jul-17	UNIT ON OVERHAULING
Total A-CENTRAL SECTOR-PLANNED OUTAGE		1997.58	353.00	85.40	353.00				

B) FORCED OUTAGE

STATE SECTOR

STATE SECTOR

GIRAL	2	125.00	70	16.80	70	27-Jun-16	18.27	28-Jul-17	DESYNCHRONIZED DUE TO ATTEND TUBE LEAKAGE IN ASH COOLER-4	
BANGAR	GT#1	27.50	20	7.00	20	04-Jul-17	12.19	08-Jul-17	HIGH VIBRATION	
RAJWEST	1	135.00	120	8.00	0	23-Jul-17	1.56	27-Jul-17	20.00	CONDENSER TUBE LEAKAGE
RAJWEST	2	135.00	120	28.00	120	26-Jul-17	19.03	26-Jul-17	HEAVY RED METABIAL LEAKAGE	
KALISINDH	2	400.00	565	8.00	0	27-Jul-17	18.45	27-Jul-17	12.57	DRUM LEVEL LOW
BANGAR	ST#H	27.50	18	6.00	0	27-Jul-17	12.05	27-Jul-17	15.27	G-1 CARD SYSTEM FAULTY
BARSINGAR	1	125.00	110	21.00	110	28-Jul-17	4.51			REFRACTORY PROBLEM
Total B STATE SECTOR-FORCED OUTAGE		1193.00	1024.00	71.40	329.00					
CENTRAL SECTOR										
ISPPURHAR	2	500.00	5	1.20	5	23-Jul-17	2.45			BOILER TUBE LEAKAGE
Total B-CENTRAL SECTOR-FORCED OUTAGE		500.00	5.00	1.20	5.00					
G.TOTAL				74.68	334.00					

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 (\$).