



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

Power Position 25-Sep-17	Point No.
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1. Date-Wise Energy Availability, Consumption,OD(+)/UD(-), Peak Load, Avg. Frequency,Wind Gen. –AUG- 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		
Sep-17										
1-Sep-17	1983.31	1510.32	1639.45	1424.48	14.44	25.53	7870	6847	49.99	187.29
2-Sep-17	2018.79	1525.88	1691.88	1458.17	19.89	-1.29	7826	7046	49.98	102.94
3-Sep-17	1965.88	1616.50	1686.86	1498.10	23.15	-5.69	8039	7159	49.97	151.01
4-Sep-17	1881.98	1630.96	1801.89	1559.99	-4.55	7.47	8578	7177	49.94	185.33
5-Sep-17	1909.40	1699.11	1876.12	1642.04	-8.01	4.37	8790	7579	49.95	283.02
6-Sep-17	2000.23	1696.36	1937.40	1720.88	-1.33	2.65	8946	7905	49.95	212.29
7-Sep-17	2028.18	1720.96	1965.05	1799.37	-14.34	-8.71	9133	8020	49.93	110.05
8-Sep-17	2035.60	1818.03	2038.09	1839.59	-16.80	-6.75	9527	8306	49.91	69.67
9-Sep-17	2220.10	1876.66	2109.22	1892.73	-28.72	-10.12	9655	8480	49.93	101.26
10-Sep-17	2291.05	3032.73	2115.99	1930.00	-3.87	-2.18	9643	8673	49.97	136.37
11-Sep-17	2125.09	2061.90	2111.25	1931.67	-13.58	12.16	9546	8706	49.92	50.22
12-Sep-17	2043.96	2039.62	1995.41	1994.33	9.55	6.75	9488	8898	49.97	40.04
13-Sep-17	1972.73	2029.51	2011.57	2015.34	-0.67	8.00	9275	8920	49.95	49.95
14-Sep-17	1967.00	1984.37	1975.69	2025.57	24.90	29.45	8999	8932	49.95	66.58
15-Sep-17	1806.01	1961.15	1920.02	1981.60	35.48	27.31	8820	8675	49.95	28.63
16-Sep-17	1836.48	1935.29	2036.93	1972.87	37.80	34.73	9286	8760	49.97	52.22
17-Sep-17	2036.98	2002.89	1987.77	2016.78	13.02	35.51	9054	9013	50.02	32.78
18-Sep-17	2068.97	1950.36	2089.80	1953.03	20.25	55.61	9787	8634	50.01	44.24
19-Sep-17	2022.57	2021.96	2139.72	2030.19	12.19	21.76	9900	9539	50.00	69.27
20-Sep-17	2001.51	2231.94	2116.18	2138.32	22.21	-21.13	9877	9769	50.00	65.02
21-Sep-17	2088.76	2184.43	2196.17	2132.33	18.53	10.59	9876	9816	49.96	75.14
22-Sep-17	2094.58	2086.21	2023.06	2078.54	13.85	51.54	9686	9652	49.98	120.32
23-Sep-17	2098.52	2014.19	1960.27	2109.21	18.60	28.13	9571	9480	49.98	184.42
24-Sep-17	2196.98	2109.81	1984.20	1968.71	18.98	1.95	9337	9146	50.01	196.83
25-Sep-17	2070.07	2088.33								
26-Sep-17										
27-Sep-17										
28-Sep-17										
29-Sep-17										
30-Sep-17										
1-Oct-17										
1-Sep-17										
MAXIMUM OF THE MONTH	2291.05	3032.73	2196.17	2138.32	37.80	55.61	9900.00	9816.00	50.02	283.02
MIN OF THE MONTH	1806.01	1510.32	1639.45	1424.48	-28.72	-21.13	7826.00	6847.00	49.91	28.63
AVERAGE	2021.45	1943.64	1975.42	1879.74	8.79	12.82	9187.88	8547.17	49.97	108.95

MAX.CONSUMPTION TILL DATE DURING THE FY 2017-18 (L.U.)

2222.22

18-Aug-17

MAX.PEAK LOAD TILL DATE DURING THE FY 2017-18 (MW)

10347

(23.15-23.30 Hrs.)

6-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

4-Jul-17

MAX.WIND DURING THE YEAR 2016-17 (L.U.)

448.85

4-Aug-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	Prior assessment of Avail. For next Day	Prior assessment of Avail.	Actual Energy Received	Prior assessment of Avail. For next Day	Prior assessment of Avail.	Actual Energy Received
1	KTPS (1240/1240)	269.00	269.00	228.31	269.00	269.00	220.92	223.00	269.00	202.14
2	STPS (1500/1500)	164.00	164.00	133.79	164.00	164.00	130.69	164.00	164.00	132.54
3	DHOLPUR GAS CAPP (330/330)	0.00	0.00	21.10	0.00	0.00	21.30	0.00	0.00	21.31
4	RAMGARH (273.5/273.5)	45.00	45.00	44.49	46.00	45.00	39.85	46.00	46.00	44.32
5	RAPP-A(200/200)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6	MAHI (140/140)	0.00	0.00	15.50	0.00	0.00	16.09	0.00	0.00	15.58
7	CHAMBAL (RPS+JS) (135.5/271)	0.00	0.00	0.89	0.00	0.00	0.00	0.00	0.00	0.00
8	GIRAL LIGNITE (250/250)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9	CHHABRA TPS 1000/1000	109.00	109.00	104.28	109.00	109.00	97.04	109.00	109.00	95.63
10	ADANI (TPS) + KALISINDH (TPS) (1200+1200/1320+1200)	304.12	419.00	365.83	272.00	304.12	221.51	272.00	272.00	210.52
11	WIND FARM (3980.40/4119.15)	145.00	115.50	120.32	222.00	145.00	184.42	163.50	222.00	196.83
12	SOLAR POWER(737.70/1295.70)	0.00	0.00	1.62	0.00	0.00	2.87	0.00	0.00	0.00
13	CAPTIVE POWER PLANTS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
14	REGIONAL (INTRA STATE) O.A.(VLTPS)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
15	OPEN ACCESS	4.40	14.90	14.90	1.62	4.40	4.40	22.07	1.62	1.50
16	BIOMASS - (101.95/119.25)	5.00	5.00	4.55	5.00	5.00	4.75	5.00	5.00	4.77
17	BARSINGHSAR LTPS(250/250)	53.00	52.00	51.85	53.00	53.00	51.94	53.00	53.00	51.94
18	RAJWEST (1080/1080)	200.00	200.00	188.61	200.00	200.00	153.71	195.00	200.00	141.41
TOTAL (A) : 1-18		1298.52	1393.40	1296.04	1341.62	1298.52	1149.49	1252.57	1341.62	1118.48
19	BBMB COMPLEX									
a)	BHAKRA(230.79/1516.3)	35.65	35.93	35.60	28.97	35.65	32.77	30.09	28.97	28.85
b)	DEHAR (198/ 990)	19.88	20.51	20.58	28.34	19.88	24.43	28.41	28.34	27.36
c)	PONG (231.66/396)	43.36	41.18	43.55	33.29	43.36	35.00	44.88	33.29	35.95
TOTAL : a TO c		98.89	97.62	99.73	90.59	98.89	92.20	103.38	90.59	92.16
20	CENTRAL STATIONS									
d)	SINGRAULI (300/ 2000)	92.54	91.48	91.97	102.40	92.54	114.60	102.19	102.40	103.56
e)	RIHAND (310.24/3000)	122.38	122.38	123.22	122.38	122.38	122.38	133.50	122.38	122.13
f)	UNCHAHAR-I(20/420)	2.59	3.52	4.31	3.99	2.59	3.78	3.84	3.99	4.26
g)	UNCHAHAR-II& III(61/630)	11.87	10.36	14.97	14.32	11.87	14.46	12.25	14.32	15.46
h)	INDIRA GANDHI STPS(JHAJHAR) 0.00/1500)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
i)	NCTPS DADRI SI-II (43.22/980) + DADRI-TH	8.12	2.03	8.39	9.06	8.12	8.83	0.74	9.06	8.15
j)	DADRI GAS (77/830)	1.53	2.61	2.48	2.60	1.53	2.93	2.49	2.60	2.59
k)	ANTA (83.07/419)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
l)	AURAIYA (61.03/663)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
m)	NAPP (44/440)	4.39	4.37	4.37	9.12	4.39	7.45	9.12	9.12	9.12
n)	RAPP-B (125/440)	32.90	32.90	32.90	32.90	32.90	32.90	32.98	32.90	32.90
o)	RAPP-C (88/440)	19.81	19.81	19.81	19.86	19.81	19.81	20.58	19.86	19.86
p)	SALAL (20.36/690)	2.60	2.70	2.99	2.61	2.60	3.01	3.06	2.61	3.35
q)	URI (70.37/720)	7.12	7.87	6.92	6.99	7.12	6.58	6.82	6.99	6.23
r)	TANAKPUR (10.86/94)	2.51	2.49	2.46	2.50	2.51	2.45	2.50	2.50	2.43
s)	CHAMERA-I (105.84/540)	9.54	9.25	9.25	17.64	9.54	10.90	15.68	17.64	19.18
t)	CHAMERA-II (29.01/300)	4.45	3.87	4.47	6.96	4.45	5.85	6.96	6.96	6.96
u)	CHAMERA-III (25.21/231)	3.78	2.75	3.35	6.02	3.78	5.15	5.44	6.02	6.01
v)	DHAULIGANGA (27/280)	5.74	4.59	5.69	0.41	5.74	6.51	3.98	0.41	0.41
w)	DULHASTI (42.42/390)	10.09	10.09	10.09	10.09	10.09	10.09	10.09	10.09	10.09
x)	SEWA (13/120)	3.09	0.87	1.00	0.87	3.09	1.30	0.39	0.87	0.69
y)	NJPC (112.00/1500)+RAMPUR(31.808/412.02)	21.16	20.68	20.20	21.73	21.16	21.92	27.48	21.73	30.81
z)	TEHRI (75/1000)	6.23	5.18	5.60	19.08	6.23	9.12	19.08	19.08	18.97
aa)	KOTESHWR (33.44/400) + PARBATI3 (56.73/520)	7.51	11.11	11.12	9.66	7.51	14.64	20.40	9.66	29.34
ab)	TALA	3.66	3.54	3.54	3.66	3.66	3.66	2.89	3.66	3.26
ac)	MUNDRA UMPP (380/4000)	69.60	69.60	69.22	67.26	69.60	61.04	69.07	67.26	50.80
ad)	SASAN (372/3960)	119.03	72.96	79.44	117.55	119.03	100.90	90.59	117.55	109.96
ae)	FRKKA+KHLGN+TLCHR (70.18/3940)	20.32	20.77	11.55	19.47	20.32	10.15	19.13	19.47	8.22
af)	URS POWER(DADRI TH-I)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
TOTAL SCHEDULE(a TO af)		691.43	635.38	649.03	719.70	691.43	692.59	724.64	719.70	716.87
LOSSES		-21.25	-23.13	-23.66	-16.03	-21.25	-25.46	-17.20	-16.03	-26.25
NET SCHEDULED		670.18	612.25	625.37	703.67	670.18	667.13	707.44	703.67	690.63
21	BILATERAL (REG.) EXCL. BANKING	11.33	11.93	11.30	14.45	11.33	11.72	15.52	14.45	18.76
22	BANKING	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23	BILATERAL(INTER-REG.) EXCLUDING (ISOA & BANKING)	114.96	111.42	114.45	143.38	111.13	109.90	114.83	139.32	143.38
24	INTER STATE OPEN ACCESS (BILATERAL+IEEX)	-4.40	-14.90	-14.90	-1.62	-4.40	-4.40	-22.07	-1.62	-1.50
25	INDIAN ENERGY EXCHANGE	7.84	-23.05	-23.05	-4.52	7.84	7.84	1.79	-4.52	-4.52
TOTAL(B): (19 TO 25)		799.90	701.18	713.17	855.36	799.90	792.18	817.50	855.36	846.74
TOTAL GENERATION (A + B) : 1 TO 25				2009.21			1941.67			1965.23
OVER DRAWAL (+)/UNDER DRAWAL (-)				13.85			18.60			18.98
GRAND TOTAL		2098.42	2094.58	2023.06	2196.98	2098.42	1960.27	2070.07	2196.98	1984.20
LAST YEAR		<i>2078.54</i>	<i>2066.21</i>	<i>2078.54</i>	<i>2088.33</i>	<i>2078.54</i>	<i>1975.77</i>	<i>2088.33</i>	<i>2078.54</i>	<i>1968.71</i>

3. SYSTEM PARAMETERS AS ON 24-Sep-17

MAXIMUM DRAWL ON 24-Sep-17	9337 MW at 00.00-00.15 Hrs 49.96 Hz
MINIMUM DRAWL ON 24-Sep-17	6889 MW at 18.00-18.15 Hrs 50.05 Hz
Max U/D of the day	288 MW at 03.00-03.15 Hrs 50.05 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	30
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & <50.00 Hz	3
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	57
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 50.00 & <50.05 Hz	9
NO. OF BLOCKS(UD ABOVE 250 MW) IN WHICH FREQ. >= 50.00 & <50.05 Hz	0
No. of Blocks in which Freq. >= 50.05 & <50.10 Hz	9
NO. OF UD BLOCKS IN WHICH FREQ. >= 50.05 & <50.10 Hz	3
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.	25-Sep-17	25-Sep-16		
Gandhi Sagar (Ft.)	1312	1250	1301.38	1311.00	551	4375
R.P.Sagar (Ft.)	1157.5	1128	1146.10	1156.96	NA	NA
Jawahar Sagar (Ft.)	980	970.4	977.70	978.10	NA	NA
Kota Barrage(Ft.)	854.5	852.3	853.40	854.00		
RMC					20	
LMC					NIL	
Bhakra(Ft.)	1690	1462	1668.88	1650.53	18927	28463
Dehar (Ft.)	2941	2900	2934.18	2918.70	8257	24383
Pong(Ft.)	1421	1260	1381.10	1368.25	15440	27637
Mahi-I (Mts.)	281.5	259	281.50	281.30	NA	NA
Mahi-II (Mts.)	220.5	217	218.75	219.85	NA	NA

5. POSITION OF COAL STOCK (In MT)

AVERAGE FREQ. FOR THE DAY	24-Sep-17	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	545 MW at 14.00-14.15 Hrs 50.04 Hz		25/Sep/17	KTPS	4267	0.5 DAY
Frequency Profile	% of Time					
LESS THAN 49.7 HZ	0.00					
LESS THAN 49.90 HZ	0.06					
OPERATING RANGE (49.90 HZ TO 50.05 HZ)	81.08					
ABOVE 50.05 HZ	18.86					
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		25/Sep/17	STPS	26385	1 DAY
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					
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					
No. of 132 KV Feeders Disconnected	0					
No. of 132 KV Feeders Disconnected	0		25/Sep/17	CHHABRA	49191	6.5 DAYS
No. of 132 KV Feeders Disconnected	0					
No. of 132 KV Feeders Disconnected	0					
No. of 132 KV Feeders Disconnected	0					
No. of 132 KV Feeders Disconnected	0					
No. of 132 KV Feeders Disconnected	0					
No. of 132 KV Feeders Disconnected	0					
No. of 132 KV Feeders Disconnected	0					
No. of 132 KV Feeders Disconnected	0		25/Sep/17	KALISINDH	27236	2 DAYS
No. of 132 KV Feeders Disconnected	0					
No. of 132 KV Feeders Disconnected	0					
No. of 132 KV Feeders Disconnected	0					
No. of 132 KV Feeders Disconnected	0					
No. of 132 KV Feeders Disconnected	0					
No. of 132 KV Feeders Disconnected	0					
No. of 132 KV Feeders Disconnected	0					

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

25/Sep/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	HRSG#2*	55.00	50	24.00	50	13-Jul-16	16.35		BOXED UP/PERMISSION GIVEN BY RVNVL ON DATE 17.08.17 BUT PROBLEM IN DCCPP END)
DCCPP	GT#2*	110.00	100	24.00	100	13-Jul-16	16.40		BOXED UP/PERMISSION GIVEN BY RVNVL ON DATE 17.08.17 BUT PROBLEM IN DCCPP END)
CHHABRA	3	250.00	225	54.00	225	8-Aug-17	18.56		BUS BAR PROTECTION OPERATED UNDER OVERHAUL W.E.F 18.56 HRS./08.08.17 FOR 30 DAYS)
KTPS	7	195.00	175	42.00	175	24-Sep-17	11.35		DUE TO COAL SHORTAGE & SHUT DOWN FOR 15 DAYS
Total(A) STATE SECTOR- PLANNED OUTAGE		735.00	620.00	160.80	620.00				

CENTRAL SECTOR

DADRI	GT#2	130.19	22	5.30	22	9-Sep-17	23.45		EOH INSPECTION FOR 4000HRS
ANTA	GT#1	88.71	31	7.50	31	20-Sep-17	6.27		FUEL SHORTAGE
Total(A) CENTRAL SECTOR- PLANNED OUTAGE		218.90	53.00	12.80	53.00				

(B) FORCE OUTAGE

STATE SECTOR

STATE SECTOR									
GIRAL	2	125.00	70	16.80	70	27-Jan-16	15.27	16-Oct-17	DESYNCHRONIZED DUE TO ATTEND TUBE LEAKAGE IN ASH COOLAR-I
RAMGARH	GT#1	37.50	29	7.00	29	1-Jul-17	12.19	23-Sep-17	HIGH VIBRATION
CHHABRA	1	250.00	225	54.00	225	15-Aug-17	8.00	23-Sep-17	TURBINE BEARING PROBLEM
ADANI	2	660.00	600	144.00	600	19-Aug-17	6.02	23-Sep-17	BOILER LHS HOT SECONDARY AIR EXPANSION BELLOW LEAKAGE(FROM 21.08.17 DUE TO COAL SHORTAGE)
RAJWEST	4	135.00	120	28.68	120	3-Sep-17	1.58	26-Sep-17	MT DUE TO HEAVY BED MATERIAL LEAKAGE
STPS	3	250.00	229	55.00	229	10-Sep-17	22.15	23-Sep-17	INSUFFICIENT COAL STOCK
STPS	6	250.00	229	55.00	229	11-Sep-17	0.10	23-Sep-17	INSUFFICIENT COAL STOCK
STPS	4	250.00	229	55.00	229	14-Sep-17	23.56	23-Sep-17	INSUFFICIENT COAL STOCK
RAPP A	2	200.00	150	36.00	150	18-Sep-17	12.47	23-Sep-17	PROCESS SIDE PROBLEM
ADANI	1	660.00	600	144.00	600	23-Sep-17	6.02	23-Sep-17	INSUFFICIENT COAL STOCK
RAJWEST	8	135.00	120	2.17	0	24-Sep-17	9.00	25-Sep-17	1.49 DESYNCHRONIZED DUE TO BED MATERIAL LEAKAGE
Total(B) STATE SECTOR-FORCED OUTAGE		2952.50	2601.00	597.65	2481.00				

CENTRAL SECTOR

AURAIYA	GT#4	111.19	18	4.40	18	14-Sep-17	1.21		DUE TO LESS SUPPLY OF SPOT RING BY GAIL(AS INFORMED BY NTPC)
DADRI	GT#3	130.19	22	5.30	22	16-Sep-17	23.00		FUEL SHORTAGE
DADRI	GT#1	130.19	22	5.30	22	17-Sep-17	0.06		FUEL SHORTAGE
AURAIYA	GT#1	111.19	18	4.40	18	17-Sep-17	5.51		FUEL SHORTAGE
ANTA	GT#3	88.71	31	7.50	31	17-Sep-17	6.19		FUEL SHORTAGE
AURAIYA	GT#5	109.20	12	2.90	12	17-Sep-17	12.28		FUEL SHORTAGE
AURAIYA	GT#2	111.19	18	4.40	18	17-Sep-17	12.35		FUEL SHORTAGE
ANTA	GT#4	153.20	12	2.90	12	17-Sep-17	12.36		FUEL SHORTAGE
Total(B) CENTRAL SECTOR- FORCED OUTAGE		945.16	153.00	37.10	153.00				
G.TOTAL				634.75	2634.00				

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 (\$).