



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

Power Position 04-Sep-17	Point No.
Date-wise Energy Availability, Consumption, Peak Load & Average Frequency	1
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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								
5-Sep-17										
6-Sep-17										
7-Sep-17										
8-Sep-17										
9-Sep-17										
10-Sep-17										
11-Sep-17										
12-Sep-17										
13-Sep-17										
14-Sep-17										
15-Sep-17										
16-Sep-17										
17-Sep-17										
18-Sep-17										
19-Sep-17										
20-Sep-17										
21-Sep-17										
22-Sep-17										
23-Sep-17										
24-Sep-17										
25-Sep-17										
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	2018.79	1630.96	1691.88	1498.10	23.15	25.53	8039.00	7159.00	49.99	187.29
MIN OF THE MONTH	1881.98	1510.32	1639.45	1424.48	14.44	-5.69	7826.00	6847.00	49.97	102.94
AVERAGE	1973.39	1659.93	1672.73	1460.25	19.16	6.18	7911.67	7017.33	49.98	147.08

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-Sep-17			2-Sep-17			3-Sep-17		
1	KTPS (1240/1240)	222.00	222.00	189.20	222.00	222.00	191.28	222.00	222.00	189.79									
2	STPS (1500/1500)	55.00	165.00	87.94	55.00	55.00	42.95	55.00	55.00	42.74									
3	DHOLPUR GAS CCPP (330/330)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00									
4	RAMGARH (273.5/273.5)	46.00	46.00	45.68	46.00	46.00	45.43	46.00	46.00	45.39									
5	RAPP-A(200/200)	38.00	38.00	41.39	38.00	38.00	41.55	38.00	38.00	41.64									
6	MAHI (140/140)	0.00	0.00	13.21	0.00	0.00	15.54	0.00	0.00	14.45									
7	CHAMBAL (RPS+JS) (135.5/271)	17.00	17.00	6.11	17.00	17.00	13.40	17.00	17.00	19.51									
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	91.43	61.00	109.00	93.73	108.00	61.00	82.29									
10	ADANI (TPS) + KALISINDH (TPS) (1200+1200/1320+1200)	420.00	420.00	318.53	420.00	420.00	338.40	420.00	420.00	322.23									
11	WIND FARM (3980.40/4119.15)	249.00	205.00	187.29	208.00	249.00	102.94	131.00	208.00	151.01									
12	SOLAR POWER(737.70/1295.70)	0.00	0.00	0.00	0.00	0.00	0.00	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	-57.41	-57.53	-57.70	-59.47	-57.41	-57.81	-61.86	-59.47	-59.71									
16	BIOMASS – (101.95/119.25)	4.00	6.00	4.11	6.00	4.00	5.75	5.00	6.00	4.78									
17	BARSINGHSAR LTPS(250/250)	26.00	26.00	25.51	26.00	26.00	24.34	26.00	26.00	23.23									
18	RAJWEST (1080/1080)	201.00	172.00	107.59	203.00	201.00	144.95	201.00	203.00	127.66									
	TOTAL (A) : 1-18	1329.59	1368.47	1060.29	1242.53	1329.59	1002.44	1207.14	1242.53	1005.00									
19	BBMB COMPLEX																		
a)	BHAKRA(230.79/1516.3)	25.88	39.12	32.85	24.40	25.88	24.53	32.35	24.40	27.77									
b)	DEHAR (198/ 990)	28.06	28.03	27.57	27.64	28.06	27.64	27.64	27.64	27.42									
c)	PONG (231.66/396)	31.86	31.58	29.29	27.01	31.86	28.34	24.83	27.01	24.92									
	TOTAL : a TO c	85.80	98.73	89.71	79.05	85.80	80.51	84.81	79.05	80.11									
20	CENTRAL STATIONS																		
d)	SINGRAULI (300/2000)	84.10	66.81	47.64	88.23	84.10	82.31	89.91	88.23	61.21									
e)	RIHAND (310.24/3000)	98.55	65.71	58.18	98.55	98.55	99.54	98.55	98.55	86.56									
f)	UNCHAHAAR-I(20/420)	0.74	3.01	3.26	0.00	0.74	2.63	0.00	0.00	2.18									
g)	UNCHAHAAR-II& III(61/630)	3.71	11.30	12.74	2.34	3.71	9.94	0.14	2.34	9.57									
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 St-II (43.22/980) + DADRI-TH	8.80	8.80	8.80	8.80	8.80	8.80	8.79	8.80	8.43									
j)	DADRI GAS (77/830)	1.39	2.22	2.06	1.52	1.39	1.78	0.83	1.52	2.06									
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)	9.22	9.12	9.12	9.19	9.22	9.22	9.17	9.19	9.19									
n)	RAPP-B (125/440)	32.30	35.71	35.71	32.21	32.30	32.30	0.00	32.21	32.21									
o)	RAPP-C (88/440)	20.58	20.58	20.58	19.62	20.58	20.58	19.62	19.62	19.62									
p)	SALAL (20.36/690)	4.76	4.76	4.76	4.76	4.76	4.76	4.63	4.76	4.73									
q)	URI (70.37/720)	8.17	8.79	8.04	8.40	8.17	7.83	8.12	8.40	8.42									
r)	TANAKPUR (10.86/94)	2.52	2.50	2.45	2.58	2.52	2.52	2.52	2.58	2.53									
s)	CHAMERA-I (105.84/540)	25.12	25.12	21.54	25.12	25.12	25.12	25.12	25.12	25.12									
t)	CHAMERA-II (29.01/300)	6.96	6.96	6.96	6.96	6.96	6.96	6.96	6.96	6.96									
u)	CHAMERA-III (25.21/231)	6.00	6.00	6.00	5.98	6.00	6.00	5.64	5.98	5.55									
v)	DHAULGANGA (27/280)	6.51	6.51	6.51	6.42	6.51	6.51	6.41	6.42	6.42									
w)	DULHASTI (42.42/390)	10.09	10.09	10.09	10.05	10.09	10.09	10.06	10.05	10.05									
x)	SEWA (13/120)	1.63	1.95	1.95	1.95	1.63	1.95	1.08	1.95	1.95									
y)	NJPC (112.00/1500)+RAMPUR(31.808/412.02)	34.48	34.48	34.48	34.48	34.48	34.48	31.07	34.48	34.48									
z)	TEHRI (75/1000)	5.01	5.45	5.45	6.38	5.01	5.01	6.38	6.38	6.45									
aa)	KOTESHWAR (33.44/400) + PARBATI3 (56.73/520)	23.31	13.95	22.55	16.10	23.31	24.68	15.02	16.10	22.61									
ab)	TALA	3.66	3.64	3.64	3.66	3.66	3.66	3.66	3.66	3.66									
ac)	MUNDRA UMPP (380/4000)	65.53	52.73	23.65	49.70	65.53	56.93	69.78	49.70	28.17									
ad)	SASAN (372/3960)	86.51	52.35	71.47	87.48	86.51	86.51	87.48	87.48	84.22									
ae)	FRKKA+KHLGN+TLCHR (70.18/3940)	0.00	0.00	2.98	0.97	0.00	3.44	0.00	0.97	5.45									
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 SCHEDULED(a TO af)	635.45	557.27	520.34	610.49	635.45	634.04	595.75	610.49	567.93									
	LOSSES	-22.35	-14.04	-17.80	-15.66	-22.35	-22.28	-16.83	-15.66	-19.77									
	NET SCHEDULED	613.10	543.23	502.54	594.83	613.10	611.77	578.92	594.83	548.16									
21	BILATERAL (REG.) EXCL. BANKING	25.08	25.18	25.73	21.50	25.08	22.71	18.49	21.50	21.11									
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)	26.84	24.09	17.10	96.33	23.39	10.47	89.04	94.65	78.49									
24	INTER STATE OPEN ACCESS (BILATERAL+HEX)	57.41	57.53	57.70	59.47	57.41	57.81	61.86	59.47	59.71									
25	INDIAN ENERGY EXCHANGE	-33.22	-38.34	-38.34	-48.77	-33.22	-33.22	-73.47	-48.77	-48.77									
	TOTAL(B): (19 TO 25)	689.20	614.84	564.72	723.35	689.20	669.54	674.83	723.35	658.70									
	TOTAL GENERATION (A + B) : 1 TO 25			1625.01			1671.98			1663.71									
	OVER DRAWAL (+)/UNDER DRAWAL (-)			14.44			19.89			23.15									
	GRAND TOTAL	2018.79	1983.31	1639.45	1965.88	2018.79	1691.87	1881.98	1965.88	1686.86									
	LAST YEAR	15.25.88	1510.32	1424.48	1616.50	1525.88	1458.17	1630.96	1616.50	1498.11									

3. SYSTEM PARAMETERS AS ON 03-Sep-17

MAXIMUM DRAWL ON 03-Sep-17	8039 MW at 23.15-23.30 Hrs 49.97 Hz
MINIMUM DRAWL ON 03-Sep-17	5916 MW at 18.00-18.15 Hrs 49.95 Hz
Max U/D of the day	520 MW at 22.30-22.45 Hrs 49.99 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	4
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	60
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & <50.00 Hz	14
NO. OF BLOCKS(UD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & <50.00 Hz	6
No. of Blocks in which Freq. >= 50.00 & <50.05 Hz	32
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 50.00 & <50.05 Hz	3
NO. OF BLOCKS(UD ABOVE 250 MW) IN WHICH FREQ. >= 50.00 & <50.05 Hz	1
No. of Blocks in which Freq. >= 50.05 & <50.10 Hz	0
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 3-Sep-17	49.97 Hz
Max O/D of the day	529 MW at 14.45-15.00 Hrs 49.98 Hz
Frequency Profile	% of Time
LESS THAN 49.7 HZ	0.00
LESS THAN 49.90 HZ	5.95
OPERATING RANGE (49.90 HZ TO 50.05 HZ)	83.85
ABOVE 50.05 HZ	10.20
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.	4-Sep-17	4-Sep-16		
Gandhi Sagar (Ft.)	1312	1250	1299.30	1309.67	1940	NA
R.P.Sagar (Ft.)	1157.5	1128	1145.80	1157.07	2523	NA
Jawahar Sagar (Ft.)	980	970.4	973.50	974.90	5737	NA
Kota Barrage(Ft.)	854.5	852.3	852.50	851.00		
RMC					3000	
LMC					NIL	
Bhakra(Ft.)	1690	1462	1672.36	1648.04	18469	32091
Dehar (Ft.)	2941	2900	2918.76	2921.91	8468	12055
Pong(Ft.)	1421	1260	1383.20	1370.78	8507	26357
Mahi-I (Mts.)	281.5	259	281.40	281.50	4267	NA
Mahi-II (Mts.)	220.5	217	220.10	218.40	882	NA

5. POSITION OF COAL STOCK (In MT)

Date	Name of Station	Stock at 00.00 hrs. (MT)	Coal stock sufficient for No. of days
4/Sep/17	KTPS	106110	5.5 days
	STPS	29313	1 day
	CHHABRA	106083	14 days
	KALISINDH	105267	7.5 days

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

4/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 (STD W.E.F.15.07.14)
DCCPP	HRSG#1	55.00	50	12.00	50	3-Oct-15	22.35			DESYNCHRONIZED DUE TO LESS ALLOCATION OF GAS (PERMISSION NOT GRANTED BY RUVNL) (PERMISSION GIVEN BY RUVNL ON DATE 17.08.17 BUT PROBLEM IN DCCPP END)
DCCPP	GT#1	110.00	100	24.00	100	8-May-16	11.05			MT AFTER CARRYING OUT PSS TUNING WORK (PERMISSION TAKEN FOR TEST RUN OF 01.00 HRS. ON DT. 08.05.16) (PERMISSION GIVEN BY RUVNL ON DATE 17.08.17 BUT PROBLEM IN DCCPP END)
DCCPP	HRSG#2*	55.00	50	12.00	50	13-Jul-16	16.35			BOXED UP (PERMISSION GIVEN BY RUVNL 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 RUVNL 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)
STPS	2*	250.00	229	55.00	229	25-Aug-17	23.58			BOXED UP
STPS	6	250.00	229	55.00	229	26-Aug-17	12.22			BOXED UP
STPS	4	250.00	229	55.00	229	30-Aug-17	8.39			BOXED UP
STPS	3*	250.00	229	55.00	229	1-Sep-17	12.49			BOXED UP
STPS	1*	250.00	229	55.00	229	1-Sep-17	13.07			BOXED UP
Total(A) STATE SECTOR-PLANNED OUTAGE		1955.00	1740.00	417.80	1740.00					
CENTRAL SECTOR										
DADRI	GT#4	130.19	22	5.30	22	6-Apr-17	0.23			LESS GAS AVAILABILITY
DADRI	GT#6	154.51	16	3.90	16	6-Apr-17	21.18			LESS GAS AVAILABILITY
DADRI	GT#3	130.19	22	5.30	22	6-Apr-17	21.27			LESS GAS AVAILABILITY
AURAIYA	GT#4	111.19	18	4.40	18	7-May-17	22.03			LESS GAS AVAILABILITY
AURAIYA	GT#6	109.30	12	2.90	12	12-May-17	21.05			LESS GAS AVAILABILITY
AURAIYA	GT#3	111.19	18	4.40	18	12-May-17	21.13			LESS GAS AVAILABILITY
AURAIYA	GT#2	111.19	18	4.40	18	30-May-17	5.06			LESS GAS AVAILABILITY
AURAIYA	GT#5	109.30	12	2.90	12	30-May-17	5.15			LESS GAS AVAILABILITY
AURAIYA	GT#1	111.19	18	4.40	18	30-May-17	5.22			LESS GAS AVAILABILITY
ANTA	GT#2	88.71	31	7.50	31	9-Jun-17	21.51			LESS GAS AVAILABILITY
RHAND-II	1	500.00	59	14.20	59	30-Aug-17	22.51			ANNUAL MAINTENANCE
ANTA	GT#1	88.71	31	7.50	31	31-Aug-17	9.11			LESS GAS AVAILABILITY
ANTA	GT#4	153.20	34	8.20	34	31-Aug-17	9.42			LESS GAS AVAILABILITY
ANTA	GT#3	88.71	31	7.50	31	31-Aug-17	10.14			LESS GAS AVAILABILITY
Total(A) CENTRAL SECTOR-PLANNED OUTAGE		1997.58	342.00	82.80	342.00					

(B) FORCE OUTAGE

STATE SECTOR

STATE SECTOR

NAME OF STATION	UNIT OUT	INSTALLED CAPACITY	NET ALLOC./ AVAIL. (MW)			DATE	TIME	EXPECT./REVIVAL	REASON OF OUTAGE	
GIRAL	2	125.00	70	16.80	70	27-Jan-16	15.27	15-Sep-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	5-Sep-17	HIGH VIBRATION	
CHHABRA	1	250.00	225	54.00	225	15-Aug-17	8.00	4-Sep-17	TURBINE BEARING PROBLEM	
ADANI	2	660.00	600	144.00	600	19-Aug-17	6.02	4-Sep-17	BOILER LHS HOT SECONDARY AIR EXPANSION BELLOW LEAKAGE	
BARSINGAR	2	125.00	110	26.40	110	30-Aug-17	10.30	4-Sep-17	BOILER REFRACTORY DAMAGE	
KTPS	3	210.00	192	46.00	192	31-Aug-17	5.26	4-Sep-17	BOILER TUBE LEAKAGE	
RAJWEST	4	135.00	120	28.80	120	3-Sep-17	1.58	4-Sep-17	MT DUE TO HEAVY BED MATERIAL LEAKAGE	
CHHABRA	4	250.00	225	0.00	0	3-Sep-17	3.02	3-Sep-17	CONDENSER PRESSURE HIGH	
Total(B) STATE SECTOR-FORCED OUTAGE		1792.50	1571.00	323.00	1346.00					
CENTRAL SECTOR										
ISTPP(CHAJAR)	2	500.00	5	1.20	5	31-Aug-17	7.29		BOILER TUBE LEAKAGE	
Total(B) CENTRAL SECTOR-FORCED OUTAGE		500.00	5.00	1.20	5.00					
G.TOTAL				324.20	1351.00					

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 (\$).