



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

Power Position 30-Aug-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		
Aug-17										
1-Aug-17	1809.65	1800.23	1534.97	1554.82	12.04	7.12	7350	6860	49.97	350.64
2-Aug-17	1764.56	1815.96	1610.64	1467.68	3.16	28.67	7731	6806	50.00	400.25
3-Aug-17	1852.55	1538.67	1638.77	1503.44	7.49	29.39	7968	6856	49.99	403.92
4-Aug-17	1830.71	1511.41	1750.79	1446.47	2.95	17.17	8572	6885	49.97	448.85
5-Aug-17	1744.96	1430.37	1805.79	1506.32	18.72	29.04	8337	6922	49.95	196.59
6-Aug-17	1790.03	1599.74	1818.60	1580.45	34.42	11.47	8235	7226	49.95	109.40
7-Aug-17	1904.07	1624.55	1804.69	1579.03	17.06	-0.23	8398	7140	49.97	85.42
8-Aug-17	1909.97	1673.12	1796.52	1516.77	6.38	-4.44	8057	6937	49.94	117.77
9-Aug-17	1897.76	1717.98	1816.65	1412.23	-2.69	0.43	8321	6401	49.95	189.48
10-Aug-17	1989.11	1539.61	1847.43	1381.29	7.79	2.94	8831	6546	49.99	339.67
11-Aug-17	2000.77	1545.98	1877.18	1300.58	26.30	15.62	8935	6322	50.01	460.44
12-Aug-17	2018.63	1560.60	1884.32	1328.98	17.41	-1.43	8876	6778	50.00	477.09
13-Aug-17	2033.92	1517.60	1871.69	1426.60	25.60	4.65	8858	7036	49.98	433.05
14-Aug-17	1979.86	1457.67	1914.13	1496.83	25.96	3.52	8884	7101	49.94	184.96
15-Aug-17	1997.44	1683.78	1963.25	1535.23	24.08	14.52	9173	7212	49.99	194.08
16-Aug-17	2147.85	1729.21	2048.10	1658.36	15.28	10.11	9971.00	7807.00	49.99	340.37
17-Aug-17	2249.99	1764.76	2131.42	1722.82	12.44	8.35	9665.00	7709.00	49.97	340.55
18-Aug-17	2288.38	1768.26	2222.22	1645.05	21.32	12.41	10236.00	7502.00	49.97	190.75
19-Aug-17	2121.45	1754.13	2221.14	1683.16	69.41	5.16	10252.00	7599.00	50.02	103.16
20-Aug-17	2295.29	1752.67	2084.72	1642.85	39.94	11.15	10293.00	7334.00	50.02	94.03
21-Aug-17	2204.33	1573.45	2180.76	1562.56	49.65	4.97	9863.00	7086.00	49.98	60.38
22-Aug-17	2261.01	1542.10	2220.63	1542.28	21.76	0.42	10155.00	7098.00	49.98	50.87
23-Aug-17	2268.31	1487.73	2142.44	1566.79	16.48	1.10	9926.00	7068.00	49.97	72.27
24-Aug-17	2287.71	1512.67	2069.44	1528.20	18.79	2.97	9174.00	7401.00	49.99	186.62
25-Aug-17	2291.13	1596.30	1910.49	1458.15	16.72	2.96	8995.00	7058.00	49.99	222.70
26-Aug-17	2123.70	1664.40	1890.77	1595.67	25.58	12.37	8773.00	7371.00	49.97	85.59
27-Aug-17	2097.07	1560.58	1886.60	1640.37	6.61	26.86	9385.00	7390.00	49.99	62.66
28-Aug-17	2158.99	1613.97	1947.09	1490.57	13.81	5.87	9264.00	7108.00	50.01	112.52
29-Aug-17	2282.67	1490.90	1893.50	1392.84	-0.53	5.53	9114.00	6826.00	50.01	240.18
30-Aug-17	2204.04	1537.04								
31-Aug-17										
1-Sep-17										
MAXIMUM OF THE MONTH	2295.29	1815.96	2222.22	1722.82	69.41	29.39	10293.00	7807.00	50.02	477.09
MIN OF THE MONTH	1744.96	1430.37	1534.97	1300.58	-2.69	-4.44	7350.00	6322.00	49.94	50.87
AVERAGE	2015.73	1641.90	1926.67	1521.88	20.34	8.72	9002.24	7067.60	49.98	242.13

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
		29-Aug-17		
1	KTPS (1240/1240)	267.00	267.00	218.91
2	STPS (1500/1500)	220.00	220.00	170.72
3	DHOLPUR GAS CCPP (330/330)	0.00	0.00	0.00
4	RAMGARH (273.5/273.5)	46.00	46.00	44.86
5	RAPP-A(200/200)	38.00	40.00	42.17
6	MAHI (140/140)	0.00	0.00	15.63
7	CHAMBAL (RPS+JS) (135.5/271)	17.00	17.00	18.54
8	GIRAL LIGNITE (250/250)	0.00	0.00	0.00
9	CHHABRA TPS 1000/1000)	109.00	109.00	93.18
10	ADANI (TPS) + KALISINDH (TPS) (1200+1200/1320+1200)	420.00	420.00	323.45
11	WIND FARM (3980.40/4119.15)	274.00	235.00	240.18
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	-51.51	-15.40	-15.40
16	BIOMASS – (101.95/119.25)	7.00	4.00	6.84
17	BARSINGHAR LTPS(250/250)	52.00	52.00	47.68
18	RAJWEST (1080/1080)	170.00	198.00	122.11
	TOTAL (A) : 1-18	1568.49	1592.60	1328.87
19	BBMB COMPLEX			
a)	BHAKRA(230.79/1516.3)	33.91	34.85	34.05
b)	DEHAR (198/ 990)	28.12	28.12	27.99
c)	PONG (231.66/396)	25.78	35.76	29.77
	TOTAL : a TO c	87.80	98.73	91.81
20	CENTRAL STATIONS			
d)	SINGRAULI (300/ 2000)	61.44	93.93	62.80
e)	RIHAND (310.24/3000)	107.45	118.36	91.01
f)	UNCHAHAHAR-I(20/420)	0.00	0.00	0.37
g)	UNCHAHAHAR-II& III(61/630)	0.39	0.58	1.89
h)	INDIRA GANDHI STPS(JHAJHAR) 0.00/1500)	0.00	0.00	0.00
i)	NCTPS DADRI St-I (43.22/980) + DADRI-TH	0.36	0.23	1.50
j)	DADRI GAS (77/830)	0.76	0.56	0.55
k)	ANTA (83.07/419)	3.23	4.29	3.18
l)	AURAIYA (61.03/663)	0.00	0.00	0.00
m)	NAPP (44/440)	9.22	9.24	9.24
n)	RAPP-B (125/440)	32.04	32.04	32.04
o)	RAPP-C (88/440)	20.58	20.58	20.58
p)	SALAL (20.36/690)	4.76	4.51	4.67
q)	URI (70.37/720)	8.54	8.44	8.13
r)	TANAKPUR (10.86/94)	2.50	2.50	2.50
s)	CHAMERA –I (105.84/540)	25.12	13.72	13.72
t)	CHAMERA-II (29.01/300)	6.96	6.96	6.96
u)	CHAMERA-III (25.21/231)	6.00	6.00	5.85
v)	DHAULIGANGA (27/280)	6.51	6.51	6.51
w)	DULHASTI (42.42/390)	10.09	10.09	10.09
x)	SEWA (13/120)	0.39	0.39	0.39
y)	NJPC (112.00/1500)+RAMPUR(31.808/412.02)	34.48	34.49	34.49
z)	TEHRI (75/1000)	4.99	4.96	4.97
aa)	KOTESHWR (33.44/400) + PARBATI3 (56.73/520)	15.56	15.56	21.23
ab)	TALA	3.64	3.53	3.53
ac)	MUNDRA UMPP (380/4000)	50.12	85.92	42.46
ad)	SASAN (372/3960)	70.95	72.84	62.15
ae)	FRKKA+KHLGN+TLCHR (70.18/3940)	0.00	0.00	0.00
af)	URS POWER(DADRI TH-I)	0.00	0.00	0.00
	TOTAL SCHEDULED(a TO af)	573.87	654.95	542.61
	LOSSES	-15.59	-18.83	-18.90
	NET SCHEDULED	558.27	636.12	523.71
21	BILATERAL (REG.) EXCL. BANKING	20.54	25.08	21.16
22	BANKING	-12.18	-12.18	-12.18
23	BILATERAL(INTER-REG.). EXCLUDING (ISOA & BANKING)	88.15	93.01	87.55
24	INTER STATE OPEN ACCESS (BILATERAL+IEX)	51.51	-41.33	15.40
25	INDIAN ENERGY EXCHANGE	-70.74	-13.75	-70.48
	TOTAL(B): (19 TO 25)	635.55	690.17	565.16
	TOTAL GENERATION (A +B) : 1 TO 25			1894.03
	OVER DRAWAL (+)/UNDER DRAWAL (-)			-0.53
	GRAND TOTAL	2204.04	2282.77	1893.50
	LAST YEAR	1537.04	1490.90	1392.83

3.SYSTEM PARAMETERS AS ON 29-Aug-17

MAXIMUM DRAWL ON 29-Aug-17	9114 MW at 00.00-00.15 Hrs 49.99 Hz
MINIMUM DRAWL ON 29-Aug-17	6411 MW at 17.00-17.15 Hrs 50.02 Hz
Max U/D of the day	619 MW at 11.00-11.15 Hrs 50.02 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	1
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	5
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	45
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	7
No. of Blocks in which Freq. >= 50.05 & <50.10 Hz	17
NO. OF UD BLOCKS IN WHICH FREQ. >= 50.05 & <50.10 Hz	11
No. of Blocks in which Freq. >= 50.10	3
NO. OF VIOLATION(UD BLOCKS) IN WHICH FREQ. >= 50.10	1
AVERAGE FREQ. FOR THE DAY 29-Aug-17	50.01 Hz
Max O/D of the day	584 MW at 21.45-22.00 Hrs 49.99 Hz
Frequency Profile	% of Time
LESS THAN 49.7 HZ	0.00
LESS THAN 49.90 HZ	1.97
OPERATING RANGE (49.90 HZ TO 50.05 HZ)	71.16
ABOVE 50.05 HZ	26.87
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.	30-Aug-17	30-Aug-16		
Gandhi Sagar (Fl.)	1312	1250	1298.81	1310.09	978	28343
R.P.Sagar (Fl.)	1157.5	1128	1145.60	1157.12	4784	4921
Jawahar Sagar (Fl.)	980	970.4	973.40	976.00	3388	4257
Kota Barrage(Fl.)	854.5	852.3	852.20	851.30		
RMC					2550	
LMC					NIL	
Bhakra(Fl.)	1690	1462	1669.28	1642.38	22024	29224
Dehar (Fl.)	2941	2900	2931.56	2919.09	8432	15959
Pong(Fl.)	1421	1260	1380.84	1367.09	9006	11684
Mahi-I (Mts.)	281.5	259	281.30	281.41	4585	7593
Mahi-II (Mts.)	220.5	217	218.95	219.20	nil	1200

5.POSITION OF COAL STOCK (In MT)

Date	Name of Station	Stock at 00.00 hrs. (MT)	Coal stock sufficient for No. of days
30/Aug/17	KTPS	152271	7.5 DAYS
	STPS	6191	0.5 DAY
	CHHABRA	145453	19.5 DAYS
	KALISINDH	90001	6.5 DAYS

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

30/Aug/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		125.00	70	16.80	70	11-Jul-14	8.20	BED MATERIAL LEAKAGE (S/D W.E.F.15.07.14)
DCCPP	HRS0#1	55.00	50	12.00	50	3-Oct-15	22.35	DESYNCHRONIZED DUE TO LESS ALLOCATION OF GAS (PERMISSION NOT GRANTED BY RVNVL) (PERMISSION GIVEN BY RVNVL ON DATE 17.08.17 BUT PROBLEM IN DCCPP END)
DCCPP	GT#1	110.00	100	24.00	100	8-May-16	11.05	NOT AFTER CARRYING OUT PSS TUNING WORK (PERMISSION TAKEN FOR TEST RUN OF #1.00 HRS. ON DT. 08.05.16) (PERMISSION GIVEN BY RVNVL ON DATE 17.08.17 BUT PROBLEM IN DCCPP END)
DCCPP	HRS0#2*	55.00	50	12.00	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)
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
Total(A) STATE SECTOR- PLANNED OUTAGE		1205.00	1053.00	252.80	1053.00			
CENTRAL SECTOR								
DABRI	GT#4	130.19	22	5.30	22	6-Apr-17	0.23	LESS GAS AVAILABILITY
DABRI	GT#6	154.51	16	3.90	16	6-Apr-17	21.18	LESS GAS AVAILABILITY
DABRI	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#3	88.71	31	7.50	31	8-Jun-17	12.16	LESS GAS AVAILABILITY
ANTA	GT#2	88.71	31	7.50	31	9-Jun-17	21.51	LESS GAS AVAILABILITY
ANTA	GT#4	153.20	34	8.20	34	9-Jun-17	22.05	LESS GAS AVAILABILITY
ANTA	GT#1	88.71	31	7.50	31	9-Jun-17	22.31	LESS GAS AVAILABILITY
Total(A) CENTRAL SECTOR- PLANNED OUTAGE		1497.58	283.00	68.60	283.00			

(B) FORCE OUTAGE

STATE SECTOR									
NAME OF STATION	UNIT OUT	INSTALLED CAPACITY	NET ALLOC/ AVAIL. (MW)	DATE	TIME	REASON OF OUTAGE			
GIRAL	2	125.00	70	16.80	70	27-Jun-16	15.27	15-Sep-17	DESYNCHRONIZED DUE TO ATTEND TUBE LEAKAGE IN ASH COOLERS
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	3-Sep-17	TURBINE BEARING PROBLEM
ADANI	2	600.00	600	144.00	600	19-Aug-17	6.02	1-Sep-17	BOILER LHS HOT SECONDARY AIR EXPANSION BELLOW LEAKAGE
RAJWEST	2	135.00	120	28.68	120	19-Aug-17	9.57	1-Sep-17	HEAVY BED MATERIAL LEAKAGE
RAJWEST	5	135.00	120	28.68	120	29-Aug-17	7.44	4-Sep-17	HEAVY BED MATERIAL LEAKAGE
Total(B) STATE SECTOR-FORCED OUTAGE		1342.50	1163.00	279.16	1163.00				
CENTRAL SECTOR									
ISTPP(JHAJARA)	3	500.00	5	1.20	5	5-Aug-17	23.20		BOILER TUBE LEAKAGE
Total(B) CENTRAL SECTOR- FORCED OUTAGE		500.00	5.00	1.20	5.00				

G.TOTAL

280.36

1168.00

STATE SECTOR

STATE SECTOR									
NAME OF STATION	UNIT OUT	INSTALLED CAPACITY	NET ALLOC/ AVAIL. (MW)	DATE	TIME	REASON OF OUTAGE			
GIRAL	2	125.00	70	16.80	70	27-Jun-16	15.27	15-Sep-17	DESYNCHRONIZED DUE TO ATTEND TUBE LEAKAGE IN ASH COOLERS
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	3-Sep-17	TURBINE BEARING PROBLEM
ADANI	2	600.00	600	144.00	600	19-Aug-17	6.02	1-Sep-17	BOILER LHS HOT SECONDARY AIR EXPANSION BELLOW LEAKAGE
RAJWEST	2	135.00	120	28.68	120	19-Aug-17	9.57	1-Sep-17	HEAVY BED MATERIAL LEAKAGE
RAJWEST	5	135.00	120	28.68	120	29-Aug-17	7.44	4-Sep-17	HEAVY BED MATERIAL LEAKAGE
Total(B) STATE SECTOR-FORCED OUTAGE		1342.50	1163.00	279.16	1163.00				
CENTRAL SECTOR									
ISTPP(JHAJARA)	3	500.00	5	1.20	5	5-Aug-17	23.20		BOILER TUBE LEAKAGE
Total(B) CENTRAL SECTOR- FORCED OUTAGE		500.00	5.00	1.20	5.00				
G.TOTAL			280.36	1168.00					

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 (\$).