



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

Power Position 17-Aug-17	Point No.
Date-wise Energy Availability, Consumption, Peak Load & Average Frequency	1
Energy Availability / Generation from different Sources	2
System Parameters	3
Water Level of major Reservoirs	4
Position of Coal Stock at KTPS,STPS & CHHABRA	5
Outage of major Generating Units	6

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	2017	2017
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								
18-Aug-17										
19-Aug-17										
20-Aug-17										
21-Aug-17										
22-Aug-17										
23-Aug-17										
24-Aug-17										
25-Aug-17										
26-Aug-17										
27-Aug-17										
28-Aug-17										
29-Aug-17										
30-Aug-17										
31-Aug-17										
1-Sep-17										
MAXIMUM OF THE MONTH	2249.99	1815.96	2048.10	1658.36	34.42	29.39	9971.00	7807.00	50.01	477.09
MIN OF THE MONTH	1744.96	1430.37	1534.97	1300.58	-2.69	-4.44	7350.00	6322.00	49.94	85.42
AVERAGE	1941.05	1640.40	1811.47	1480.94	15.12	10.53	8531.06	6927.19	49.97	295.75

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

2211.92

6-Jun-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
		16-Aug-17		
1	KTPS (1240/1240)	130.00	130.00	98.48
2	STPS (1500/1500)	55.00	55.00	43.09
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)	36.00	36.00	41.53
6	MAHI (140/140)	0.00	0.00	0.00
7	CHAMBAL (RPS+JS) (135.5/271)	0.00	0.00	0.44
8	GIRAL LIGNITE (250/250)	0.00	0.00	0.00
9	CHHABRA TPS 1000/1000)	109.00	109.00	99.55
10	ADANI (TPS) + KALISINDH (TPS) (1200+1200/1320+1200)	560.00	559.00	451.44
11	WIND FARM (3980.40/4119.15)	308.00	224.00	340.37
12	SOLAR POWER(737.70/1295.70)	0.00	0.00	0.82
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	-54.93	-48.90	-48.27
16	BIOMASS – (101.95/119.25)	5.00	3.00	4.52
17	BARSINGHAR LTPS(250/250)	26.00	26.00	24.47
18	RAJWEST (1080/1080)	201.00	201.00	139.20
	TOTAL (A) : 1-18	1421.07	1340.10	1240.51
19	BBMB COMPLEX			
	a) BHAKRA(230.79/1516.3)	36.65	37.58	36.88
	b) DEHAR (198/ 990)	28.49	28.34	28.45
	c) PONG (231.66/396)	45.46	45.46	45.46
	TOTAL : a TO c	110.59	111.37	110.79
20	CENTRAL STATIONS			
	d) SINGRAULI (300/ 2000)	87.30	86.10	81.99
	e) RIHAND (310.24/3000)	100.14	100.14	99.64
	f) UNCHAHAHAR-I(20/420)	0.42	0.00	0.00
	g) UNCHAHAHAR-II& III(61/630)	1.29	0.29	0.10
	h) INDIRA GANDHI STPS(JHAJHAR) 0.00/1500)	0.00	0.00	0.00
	i) NCTPS DADRI St-I (43.22/980) + DADRI-TH	0.00	0.12	1.42
	j) DADRI GAS (77/830)	0.23	0.63	0.07
	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)	9.17	9.10	9.10
	n) RAPP-B (125/440)	34.36	31.35	31.35
	o) RAPP-C (88/440)	19.62	19.62	19.62
	p) SALAL (20.36/690)	4.76	4.76	4.76
	q) URI (70.37/720)	13.77	14.24	13.89
	r) TANAKPUR (10.86/94)	2.51	2.51	2.47
	s) CHAMERA –I (105.84/540)	25.15	25.15	25.15
	t) CHAMERA-II (29.01/300)	6.96	6.96	6.96
	u) CHAMERA-III (25.21/231)	6.02	6.02	5.77
	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)	1.84	2.62	2.17
	y) NJPC (112.00/1500)+RAMPUR(31.808/412.02)	34.83	34.83	34.83
	z) TEHRI (75/1000)	14.87	18.36	18.36
	aa) KOTESHWAR (33.44/400) + PARBATI3 (56.73/520)	21.37	21.51	33.12
	ab) TALA	3.73	3.63	3.63
	ac) MUNDRA UMPP (380/4000)	81.92	76.31	68.91
	ad) SASAN (372/3960)	72.00	57.60	61.50
	ae) FRKKA+KHLGN+TLCHR (70.18/3940)	19.86	19.18	13.17
	af) URS POWER(DADRI TH-I)	0.00	0.00	0.00
	TOTAL SCHEDULE (a TO af)	689.31	668.98	665.37
	LOSSES	-13.41	-11.13	-21.82
	NET SCHEDULED	675.90	657.86	643.55
21	BILATERAL (REG.) EXCL. BANKING	26.38	26.38	26.38
22	BANKING	-12.15	-12.15	-12.15
23	BILATERAL(INTER-REG.). EXCLUDING (ISOA & BANKING)	86.52	84.36	86.01
24	INTER STATE OPEN ACCESS (BILATERAL+IEX)	54.93	48.90	48.27
25	INDIAN ENERGY EXCHANGE	-2.66	0.25	0.25
	TOTAL(B): (19 TO 25)	828.92	807.75	792.31
	TOTAL GENERATION (A +B) : 1 TO 25			2032.82
	OVER DRAWAL (+)/UNDER DRAWAL (-)			15.28
	GRAND TOTAL	2249.99	2147.85	2048.10
	LAST YEAR	1764.76	1729.21	1658.35

3.SYSTEM PARAMETERS AS ON 16-Aug-17

MAXIMUM DRAWL ON 16-Aug-17	9971 MW at 23.15-23.30 Hrs 49.95 Hz
MINIMUM DRAWL ON 16-Aug-17	7271 MW at 18.15-18.30 Hrs 49.96 Hz
Max U/D of the day	419 MW at 21.45-22.00 Hrs 50.00 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 & <50.0 Hz	48
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & <50.0 Hz	7
NO. OF BLOCKS(UD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & <50.0 Hz	1
No. of Blocks in which Freq. >= 50.00 & <50.05 Hz	42
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 50.00 & <50.05 Hz	8
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	6
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.	17-Aug-17	17-Aug-16		
Gandhi Sagar (Fl.)	1312	1250	1297.29	1300.44	NA	1952
R.P.Sagar (Fl.)	1157.5	1128	1145.56	1156.68	N/A	NIL
Jawahar Sagar (FL.)	980	970.4	973.80	973.00	3595	2502
Kota Barrage(Fl.)	854.5	852.3	850.90	851.10		
RMC					20	
LMC					NIL	
Bhakra(Fl.)	1690	1462	1659.24	1629.59	24571	34579
Dehar (Fl.)	2941	2900	2924.14	2921.65	8535	17095
Pong(Fl.)	1421	1260	1377.90	1360.27	16040	19914
Mahi-I (Mts.)	281.5	259	278.80	281.25	N/A	NIL
Mahi-II (Mts.)	220.5	217	218.95	218.85	N/A	NIL

5.POSITION OF COAL STOCK (In MT)

AVERAGE FREQ. FOR THE DAY	16-Aug-17	49.99 Hz	Date	Name of Station	Stock at 00.00 hrs. (MT)	Coal stock sufficient for No. of days
Max O/D of the day	464 MW at 23.30-23.45 Hrs 49.95 Hz		17/Aug/17	KTPS	331661	16.5 DAYS
Frequency Profile	% of Time					
LESS THAN 49.7 HZ	0.00					
LESS THAN 49.90 HZ	4.10					
OPERATING RANGE (49.90 HZ TO 50.05 HZ)	77.84			STPS	98505	4 DAYS
ABOVE 50.05 HZ	18.06			CHHABRA	168447	22.5 DAYS
No. of 220 KV GSS advised to switch off 33 KV Urban Feeders	0			KALISINDH	178024	12 DAYS
No. of 220 KV GSS advised to switch off 33 KV Rural Feeders	0					
No. of 132 KV Feeders Disconnected	0					

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

17/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										
GRAL	1	125.00	70	16.80	70	11-Jul-14	8.20		RED MATERIAL LEAKAGE (SD W.E.F.15.07.14)	
DCCPP	HRSG#1	55.00	50	12.00	50	3-Oct-15	22.35		DESYNCRONIZED DUE TO LESS ALLOCATION OF GAS(PERMISSION NOT GRANTED BY RVNL)	
DCCPP	GT#1	110.00	100	24.00	100	8-May-16	11.05		M/T AFTER CARRYING OUT P/S TUNING WORK (PERMISSION TAKEN FOR TEST RUN OF 01.00 HRS. ON DT. 08.05.16)	
DCCPP	HRSG#2*	55.00	50	12.00	50	13-Jul-16	16.35		BOXED UP	
DCCPP	GT#2*	110.00	100	24.00	100	13-Jul-16	16.40		BOXED UP	
STPS	5*	250.00	229	55.00	229	10-May-17	17.00		BOXED UP	
STPS	6*	250.00	229	55.00	229	16-May-17	21.41		BOXED UP	
KTPS	4*	210.00	192	46.00	192	20-Jun-17	12.06	15-Aug-17	23.27	BOXED UP(SHUT DOWN TAKEN AT 07.00 HRS/14.07.17 BY KTPS/PERMISSION NOT GRANTED BY RVNL TO LIGHT CO W.E.F. 16.20 HRS./22.07.17)
KALISINDH	1*	600.00	565	135.60	565	29-Jun-17	12.44	15-Aug-17	8.36	KALISINDH(SHUT DOWN TAKEN KATPP M.NO. 45628.07.17 AND 44502.08.17 BY KALISINDH/LIGHT UP PERMISSION PENDING AT RVNL END FROM 23.03 HRS/08.08.17)
STPS	2*	250.00	229	55.00	229	4-Jul-17	14.22		DESYNCRONISED AGAINST STPS#1 WHICH WAS BOXED-UP	
STPS	3*	250.00	229	55.00	229	16-Jul-17	18.18		BOXED UP	
KTPS	5	210.00	192	46.00	192	19-Jul-17	3.01		DESYNCRONIZED DUE TO CLEANGING OF CONDENSER(PERMISSION NOT GRANTED BY RVNL ON DT. 10.07.17 W.E.F. 16.43 HRS)	
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	31-Jul-17	8.21	15-Aug-17	15.40	BOXED UP
STPS	4*	250.00	229	55.00	229	1-Aug-17	15.22		DESYNCRONISED AGAINST STPS#1 WHICH WAS BOXED-UP	
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)	
Total STATE SECTOR- PLANNED OUTAGE										
		3600.00	3256.00	779.40	3256.00					

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	5.13		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
RIHAND-I	2	500.00	58	13.80	58	6-Aug-17	21.02	27-Aug-17	RESTORATION OF MILL AP# 2A
DABRI	GT#1	130.19	22	5.30	22	10-Aug-17	3.56		LESS GAS AVAILABILITY
Total A/CENTRAL SECTOR- PLANNED OUTAGE									
		2127.77	363.00	87.70	363.00				

(B) FORCE OUTAGE

STATE SECTOR

STATE SECTOR										
NAME OF STATION	UNIT	INSTALLED CAPACITY	NET ALLOC/ AVAIL. (MW)		OUTAGE		EXPECT./REVIVAL		REASON OF OUTAGE	
GRAL	2	125.00	70	16.80	70	27-Jun-16	15.27	30-Aug-17	DESYNCRONIZED DUE TO ATTEND TUBE LEAKAGE IN ASH COOLAR-I	
RANGARI	GT#1	37.50	29	7.00	29	1-Jul-17	12.19	16-Aug-17	HIGH VIBRATION	
BARSINGAR	1	125.00	110	26.40	110	28-Jul-17	4.51	15-Aug-17	REFRACTORY PROBLEM	
RAJWEST	8	135.00	120	28.80	120	9-Aug-17	12.03	16-Aug-17	HEAVY RED MATERIAL LEAKAGE	
CHHABRA	1	250.00	225	54.00	225	15-Aug-17	8.00	18-Aug-17	DESYNCRONIZED DUE TO TURBINE BEARING PROBLEM	
KTPS	4	210.00	192	46.00	0	15-Aug-17	7.13	16-Aug-17	12.43	LOSS OF ALL FUEL
RANGARI	STG1	37.50	10	0.00	0	17-Aug-17	1.44	17-Aug-17	3.59	HP/FP TRIP
Total STATE SECTOR-FORCED OUTAGE										
		920.00	755.50	132.80	553.50					
CENTRAL SECTOR										
STPP/HAJIARI	3	500.00	5	1.20	5	5-Aug-17	23.20		BOILER TUBE LEAKAGE	
RIHAND-III	2	500.00	59	14.20	59	9-Aug-17	12.40		BEARING GEAR PROBLEM	
Total B/CENTRAL SECTOR- FORCED OUTAGE										
		1000.00	64.00	15.40	64.00					
G.TOTAL				148.28	617.50					

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 (\$).