



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

Power Position 01-Aug-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	2017	2017
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	1732.51	1608.17	-1.54	12.90	8471	7182	49.97	103.87
29.Jul.17	1606.24	1923.44	1585.59	1539.34	4.39	19.38	7468	6938	49.95	218.12
30.Jul.17	1561.72	1811.99	1495.34	1492.21	11.17	14.60	7039	7224	49.98	210.31
31.Jul.17	1684.23	1601.51	1535.18	1557.97	-3.68	18.88	7345	6990	49.99	368.43
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	1698.90	1722.40	16.65	16.18	8120.04	7982.86	49.99	191.85
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 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
		31-Jul-17		
1	KTPS (1240/1240)	42.00	84.00	42.51
2	STPS (1500/1500)	55.00	55.00	43.66
3	DHOLPUR GAS CCGP (330/330)	0.00	0.00	0.00
4	RAMGARH (273.5/273.5)	46.00	46.00	45.82
5	RAPP-A(200/200)	36.00	36.00	40.26
6	MAHI (140/140)	0.00	0.00	0.00
7	CHAMBAL (RPS+JS) (135.5/271)	0.00	0.00	4.29
8	GIRAL LIGNITE (250/250)	0.00	0.00	0.00
9	CHHABRA TPS 1000/1000)	162.00	162.00	226.43
10	ADANI (TPS) + KALISINDH (TPS) (1200+1200/1320+1200)	288.00	424.00	270.99
11	WIND FARM (3980.40/4119.15)	357.00	240.00	368.43
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	-62.26	-70.53	-71.32
16	BIOMASS – (101.95/119.25)	3.00	4.00	3.61
17	BARSINGHSAR LTPS(250/250)	25.00	25.00	24.41
18	RAJWEST (1080/1080)	229.00	108.00	80.29
	TOTAL (A) : 1-18	1180.74	1113.47	1079.38
19	BBMB COMPLEX			
	a) BHAKRA(230.79/1516.3)	35.18	35.24	34.87
	b) DEHAR (198/ 990)	29.26	29.32	29.30
	c) PONG (231.66/396)	22.64	22.73	24.73
	TOTAL : a TO c	87.08	87.29	88.90
20	CENTRAL STATIONS			
	d) SINGRAULI (300/ 2000)	82.36	61.56	29.99
	e) RIHAND (310.24/3000)	117.49	98.22	61.87
	f) UNCHAHAR-I(20/420)	0.02	0.00	0.28
	g) UNCHAHAR-II& III(61/630)	1.22	0.02	2.50
	h) INDIRA GANDHI STPS(JHAJHAR) 0.00/1500)	0.00	0.00	0.00
	i) NCTPS DADRI St-II (43.22/980) + DADRI-TH	0.00	7.90	5.01
	j) DADRI GAS (77/830)	2.32	2.42	0.99
	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)	9.14	9.12	9.12
	n) RAPP-B (125/440)	31.09	31.09	31.09
	o) RAPP-C (88/440)	20.00	20.58	20.58
	p) SALAL (20.36/690)	0.95	4.79	4.57
	q) URI (70.37/720)	16.75	16.76	16.71
	r) TANAKPUR (10.86/94)	2.51	2.51	2.43
	s) CHAMERA –I (105.84/540)	25.15	25.15	25.15
	t) CHAMERA-II (29.01/300)	6.00	6.72	6.31
	u) CHAMERA-III (25.21/231)	6.02	6.02	6.02
	v) DHAULIGANGA (27/280)	6.50	6.42	6.42
	w) DULHASTI (42.42/390)	7.40	10.10	10.09
	x) SEWA (13/120)	3.28	3.28	3.28
	y) NJPC (112.00/1500)+RAMPUR(31.808/412.02)	34.57	33.48	33.38
	z) TEHRI (75/1000)	16.65	16.56	16.56
	aa) KOTESHWAR (33.44/400) + PARBATI3 (56.73/520)	29.81	20.40	37.33
	ab) TALA	3.33	3.67	3.67
	ac) MUNDRA UMPP (380/4000)	68.66	48.02	23.57
	ad) SASAN (372/3960)	42.00	43.88	19.99
	ae) FRKKA+KHLGN+TLCHR (70.18/3940)	13.56	0.00	0.99
	af) URS POWER(DADRI TH-I)	0.00	0.00	0.00
	TOTAL SCHEDULE (a TO af)	633.87	565.93	466.79
	LOSSES	-20.55	-5.56	-14.26
	NET SCHEDULED	613.32	560.37	452.53
21	BILATERAL (REG.) EXCL. BANKING	26.41	26.41	26.41
22	BANKING	-12.15	-48.10	-48.10
23	BILATERAL(INTER-REG.). EXCLUDING (ISOA & BANKING)	88.38	52.30	48.70
24	INTER STATE OPEN ACCESS (BILATERAL+IEX)	62.26	70.53	71.32
25	INDIAN ENERGY EXCHANGE	-149.32	-91.37	-91.37
	TOTAL(B): (19 TO 25)	628.91	570.75	459.49
	TOTAL GENERATION (A +B) : 1 TO 25			1538.86
	OVER DRAWAL (+)/UNDER DRAWAL (-)			-3.68
	GRAND TOTAL	1809.65	1684.22	1535.18
	LAST YEAR	1800.23	1601.51	1557.97

3. SYSTEM PARAMETERS AS ON 31-Jul-17

MAXIMUM DRAWL ON 31-Jul-17	7345 MW at 20.45-21.00 Hrs 49.99 Hz
MINIMUM DRAWL ON 31-Jul-17	5672 MW at 17.00-17.15 Hrs 50.02 Hz
Max U/D of the day	723 MW at 13.30 Hrs 50.01 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. >= 49.9 & <49.9 Hz	3
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	46
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	5
No. of Blocks in which Freq. >= 50.00 & <50.05 Hz	43
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	7
No. of Blocks in which Freq. >= 50.05 & <50.10 Hz	3
NO. OF UD BLOCKS IN WHICH FREQ. >= 50.05 & <50.10 Hz	3
No. of Blocks in which Freq. >= 50.10	1
NO. OF VIOLATION(UD BLOCKS)IN WHICH FREQ. >= 50.10	0
AVERAGE FREQ. FOR THE DAY 31-Jul-17	49.99 Hz
Max O/D of the day	555 MW at 4.15 Hrs 50.00 Hz
Frequency Profile	% of Time
LESS THAN 49.7 HZ	NA
LESS THAN 49.90 HZ	0.00
OPERATING RANGE (49.90 HZ TO 50.05 HZ)	0.00
ABOVE 50.05 HZ	0.00
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.	1-Aug-17	1-Aug-16		
Gandhi Sagar (Fl.)	1312	1250	1296.85	NA	N/A	8866
R.P.Sagar (Fl.)	1157.5	1128	1144.45	1150.27	699	1678
Jawahar Sagar (Fl.)	980	970.4	973.20	975.80	3539	1297
Kota Barrage(Fl.)	854.5	852.3	850.20	851.30		
RMC					20	
LMC					NIL	
Bhakra(Fl.)	1690	1462	1618.98	1595.46	25258	55597
Dehar (Fl.)	2941	2900	2920.40	2919.61	8397	26737
Pong(Fl.)	1421	1260	1340.02	1321.98	10013	39009
Mahi-I (Mts.)	281.5	259	277.60	272.15	435	10490
Mahi-II (Mts.)	220.5	217	218.70	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
1.Aug.17	KTPS	294086	14.5 DAYS
	STPS	91223	3.5 DAYS
	CHHABRA	NA	NA
	KALISINDH	198786	14 DAYS

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

1.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	1	125.00	70	16.80	70	11.Jul.14	8.20		BED MATERIAL LEAKAGE (SD W.E.F.15.07.14)	
DCCFP	HRS01	55.00	50	12.00	50	03.Oct.15	22.35		DESYNCHRONIZED DUE TO LESS ALLOCATION OF GAS (PERMISSION NOT GRANTED BY RUVAL)	
DCCFP	GT01	110.00	100	24.00	100	08.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)	
DCCFP	HRS02*	55.00	50	12.00	50	13.Jul.16	16.35		BOXED UP	
DCCFP	GT02*	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		BOXED UPSHUT DOWN TAKEN AT 07.00 HRS/14.07.17 BY KTPS)	
KALISINDH	1*	600.00	565	135.00	565	29.Jun.17	12.44		BOXED UP (SHUT DOWN TAKEN AT 06.40 HRS/18.07.17 FOR 10 DAYS BY KALISINDH)	
STPS	2*	250.00	229	55.00	229	04.Jul.17	14.22		DESYNCHRONISED/AGAINST STPS#1 WHICH WAS BOXED-UP)	
STPS	1	250.00	229	55.00	229	13.Jul.17	3.17		DESYNCHRONISED DUE TO STEAM LEAKAGE IN BOILER DRUM (PERMISSION NOT GRANTED BY RUVAL ON DT. 15.07.17)	
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		DESYNCHRONISED DUE TO CLEANGING OF CONDENSER/PERMISSION NOT GRANTED BY RUVAL ON DT. 19.07.17 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		BOXED UP	
KALISINDH	2*	600.00	565	135.00	565	31.Jul.17	12.00		BOXED UP	
Total STATE SECTOR- PLANNED OUTAGE										
		3950.00	3596.00	861.00	3596.00					
CENTRAL SECTOR										
DABRI	GT04	130.19	22	5.30	22	06.Apr.17	0.23		LESS GAS AVAILABILITY	
DABRI	GT06	154.51	16	3.90	16	06.Apr.17	21.18		LESS GAS AVAILABILITY	
DABRI	GT03	130.19	22	5.30	22	06.Apr.17	21.27		LESS GAS AVAILABILITY	
AURAIYA	GT04	111.19	18	4.40	18	07.May.17	22.03		LESS GAS AVAILABILITY	
AURAIYA	GT06	109.30	12	2.90	12	12.May.17	21.05		LESS GAS AVAILABILITY	
AURAIYA	GT03	111.19	18	4.40	18	12.May.17	21.13		LESS GAS AVAILABILITY	
AURAIYA	GT02	111.19	18	4.40	18	30.May.17	5.06		LESS GAS AVAILABILITY	
AURAIYA	GT05	109.30	12	2.90	12	30.May.17	5.15		LESS GAS AVAILABILITY	
AURAIYA	GT01	111.19	18	4.40	18	30.May.17	5.22		LESS GAS AVAILABILITY	
ANTA	GT03	88.71	31	7.50	31	08.Jun.17	12.16		LESS GAS AVAILABILITY	
ANTA	GT02	88.71	31	7.50	31	09.Jun.17	21.51		LESS GAS AVAILABILITY	
ANTA	GT04	153.20	34	8.20	34	09.Jun.17	22.05		LESS GAS AVAILABILITY	
ANTA	GT01	88.71	31	7.50	31	09.Jun.17	22.31		LESS GAS AVAILABILITY	
RIBAND	6	500.00	70	16.80	70	03.Jul.17	0.02	31.Jul.17	UNIT ON OVERHAULING	
Total CENTRAL SECTOR- PLANNED OUTAGE										
		1997.58	353.00	85.40	353.00					
(B) FORCE OUTAGE										
STATE SECTOR										
STATE SECTOR										
GIRAL	2	125.00	70	16.80	70	27.Jun.16	15.27	30.Aug.17	DESYNCHRONIZED DUE TO ATTEND-TUBE LEAKAGE IN ASH COOLERS	
RAMGARH	GT01	37.50	29	7.00	29	01.Jul.17	12.19	01.Aug.17	HIGH VIBRATION	
RAJWEST	2	135.00	120	0.00	0	26.Jul.17	19.03	31.Jul.17	17.12	HEAVY BED METABIAL LEAKAGE
RAJWEST	7	135.00	120	0.00	0	28.Jul.17	2.16	31.Jul.17	23.40	HEAVY BED METABIAL LEAKAGE
BAHSINGAR	1	125.00	110	26.40	110	28.Jul.17	4.51	01.Aug.17	REFRACTORY PROBLEM	
CHHABRA	2	250.00	225	54.00	225	28.Jul.17	13.52	01.Aug.17	TRIP WITH 400 KV CTFP-HINDAUN	
RAJWEST	8	135.00	120	0.00	0	28.Jul.17	23.31	01.Aug.17	1.14	DESYNCHRONIZED DUE TO COAL FEEDING PROBLEM CAUSED BY HEAVY RAIN
RAJWEST	5	135.00	120	0.00	0	29.Jul.17	2.36	31.Jul.17	10.58	DESYNCHRONIZED DUE TO COAL FEEDING PROBLEM CAUSED BY HEAVY RAIN
Total STATE SECTOR-FORCED OUTAGE										
		1077.50	914.00	104.20	434.00					
CENTRAL SECTOR										
ISTPP(HAJIAR)	2	500.00	5	1.20	5	23.Jul.17	2.45		BOILER TUBE LEAKAGE	
Total CENTRAL SECTOR-FORCED OUTAGE										
		500.00	5.00	1.20	5.00					
G.TOTAL				105.40	439.00					

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 (\$).