



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

Power Position 14-Jul-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								
15.Jul.17										
16.Jul.17										
17.Jul.17										
18.Jul.17										
19.Jul.17										
20.Jul.17										
21.Jul.17										
22.Jul.17										
23.Jul.17										
24.Jul.17										
25.Jul.17										
26.Jul.17										
27.Jul.17										
28.Jul.17										
29.Jul.17										
30.Jul.17										
31.Jul.17										
MAXIMUM OF THE MONTH	1975.94	2007.54	2057.75	1852.36	41.91	55.45	9795.00	8487.00	50.01	482.76
MIN OF THE MONTH	1527.20	1715.74	1387.56	1554.49	-9.04	-3.83	6861.00	7410.00	49.96	59.72
AVERAGE	1783.44	1873.80	1745.06	1706.54	19.87	17.79	8415.69	7922.15	49.99	320.90
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
		13-Jul-17		
1	KTPS (1240/1240)	130.00	130.00	120.50
2	STPS (1500/1500)	55.00	58.00	49.72
3	DHOLPUR GAS CCGP (330/330)	0.00	0.00	0.00
4	RAMGARH (273.5/273.5)	34.00	34.00	35.60
5	RAPP-A(200/200)	38.00	38.00	39.54
6	MAHI (140/140)	0.00	0.00	0.00
7	CHAMBAL (RPS+JS) (135.5/271)	0.00	0.00	2.09
8	GIRAL LIGNITE (250/250)	0.00	0.00	0.00
9	CHHABRA TPS 1000/1000)	109.00	108.00	179.45
10	ADANI (TPS) + KALISINDH (TPS) (1200+1200/1320+1200)	146.60	288.00	276.30
11	WIND FARM (3980.40/4119.15)	120.00	230.00	116.90
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	-77.19	-86.86	-87.03
16	BIOMASS – (101.95/119.25)	3.00	5.00	3.16
17	BARSINGHSAR LTPS(250/250)	54.00	54.00	51.88
18	RAJWEST (1080/1080)	119.00	220.00	185.21
	TOTAL (A) : 1-18	731.41	1078.14	973.32
19	BBMB COMPLEX			
	a) BHAKRA(230.79/1516.3)	37.07	34.87	35.88
	b) DEHAR (198/ 990)	28.90	29.06	28.90
	c) PONG (231.66/396)	6.84	5.73	6.89
	TOTAL : a TO c	72.81	69.66	71.68
20	CENTRAL STATIONS			
	d) SINGRAULI (300/ 2000)	91.24	87.77	85.11
	e) RIHAND (310.24/3000)	92.08	81.52	80.10
	f) UNCHAHAR-I(20/420)	2.24	1.58	4.03
	g) UNCHAHAR-II& III(61/630)	11.14	7.14	15.66
	h) INDIRA GANDHI STPS(JHAJHAR) 0.00/1500)	0.00	0.00	0.00
	i) NCTPS DADRI St-II (43.22/980) + DADRI-TH	4.36	3.02	7.79
	j) DADRI GAS (77/830)	2.26	2.19	3.07
	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)	9.14	9.07	9.07
	n) RAPP-B (125/440)	31.09	31.09	31.09
	o) RAPP-C (88/440)	19.38	19.38	19.38
	p) SALAL (20.36/690)	4.79	4.70	4.44
	q) URI (70.37/720)	16.59	16.60	16.23
	r) TANAKPUR (10.86/94)	2.51	2.47	2.39
	s) CHAMERA –I (105.84/540)	23.02	24.39	24.39
	t) CHAMERA-II (29.01/300)	6.98	6.98	6.98
	u) CHAMERA-III (25.21/231)	6.02	6.02	6.00
	v) DHAULIGANGA (27/280)	6.42	6.42	6.42
	w) DULHASTI (42.42/390)	10.09	10.09	10.09
	x) SEWA (13/120)	3.28	3.28	3.28
	y) NJPC (112.00/1500)+RAMPUR(31.808/412.02)	34.13	34.13	34.13
	z) TEHRI (75/1000)	5.25	5.25	5.25
	aa) KOTESHWAR (33.44/400) + PARBATI3 (56.73/520)	20.40	20.40	27.35
	ab) TALA	3.78	3.78	3.78
	ac) MUNDRA UMPP (380/4000)	69.12	69.12	69.12
	ad) SASAN (372/3960)	101.58	104.55	108.63
	ae) FRKKA+KHLGN+TLCHR (70.18/3940)	30.74	19.92	21.66
	af) URS POWER(DADRI TH-I)	0.00	0.00	0.00
	TOTAL SCHEDULE (a TO af)	680.41	650.51	677.11
	LOSSES	-17.87	-17.02	-25.98
	NET SCHEDULED	662.54	633.49	651.13
21	BILATERAL (REG.) EXCL. BANKING	26.23	26.23	26.23
22	BANKING	-48.28	-48.28	-48.28
23	BILATERAL(INTER-REG.). EXCLUDING (ISOA & BANKING)	91.32	87.92	91.32
24	INTER STATE OPEN ACCESS (BILATERAL+IEX)	77.19	86.86	87.03
25	INDIAN ENERGY EXCHANGE	0.00	0.00	0.00
	TOTAL(B): (19 TO 25)	809.00	789.63	807.43
	TOTAL GENERATION (A +B) : 1 TO 25			1780.75
	OVER DRAWAL (+)/UNDER DRAWAL (-)			41.91
	GRAND TOTAL	1540.41	1867.76	1822.66
	LAST YEAR	1850.58	1883.48	1613.40

3. SYSTEM PARAMETERS AS ON 13-Jul-17

MAXIMUM DRAWL ON 13-Jul-17	8698 MW at 00.30-00.45Hrs 49.99 Hz
MINIMUM DRAWL ON 13-Jul-17	6077 MW at 18.15-18.30 Hrs 50.02 Hz
Max U/D of the day	397 MW at 07.456-8.00 Hrs 50.07 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	1
No. of Blocks in which Freq. >= 49.9 & <50.00 Hz	45
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & <50.00 Hz	17
NO. OF BLOCKS(UD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & <50.00 Hz	2
No. of Blocks in which Freq. >= 50.00 & <50.05 Hz	44
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 50.00 & <50.05 Hz	37
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	5
NO. OF UD BLOCKS IN WHICH FREQ. >= 50.05 & <50.10 Hz	2
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 13-Jul-17	49.99 Hz
Max O/D of the day	765 MW at 23.00-23.15Hrs 49.99 Hz
Frequency Profile	% of Time
LESS THAN 49.7 HZ	0.00
LESS THAN 49.90 HZ	4.51
OPERATING RANGE (49.90 HZ TO 50.05 HZ)	78.55
ABOVE 50.05 HZ	16.94
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	102
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.	14-Jul-17	14-Jul-16		
Gandhi Sagar (Fl.)	1312	1250	1292.05	1286.68	NIL	NA
R.P.Sagar (Fl.)	1157.5	1128	1138.82	1148.98	NIL	8322
Jawahar Sagar (Fl.)	980	970.4	972.30	975.40	NIL	NIL
Kota Barrage(Fl.)	854.5	852.3	850.00	850.50		
RMC					20	
LMC					NIL	
Bhakra(Fl.)	1690	1462	1588.73	1581.00	28354	51317
Dehar (Fl.)	2941	2900	2918.83	2922.30	8475	34215
Pong(Fl.)	1421	1260	1313.76	1297.84	3008	48837
Mahi-I (Mts.)	281.5	259	269.45	269.50	NIL	NIL
Mahi-II (Mts.)	220.5	217	217.65	217.00	NIL	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
14.Jul.17	KTPS	252423	12.5 DAYS
	STPS	82783	3.5 DAYS
	CHHABRA	98412	13 DAYS
	KALISINDH	138455	10 DAYS

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

14 Jul.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)
DCPP	HRS01	55.00	50	12.00	50	03.Oct.15	22.35			DESYNCHRONIZED DUE TO LESS ALLOCATION OF GAS (PERMISSION NOT GRANTED BY RUVNL)
DCPP	GT01	110.00	100	24.00	100	08.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)
DCPP	HRS02*	55.00	50	12.00	50	13.Jul.16	16.35			BOXED UP
DCPP	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
STPS	4*	250.00	229	55.00	229	27.May.17	18.11	13.Jul.17	2.06	BOXED UP
STPS	3*	250.00	229	55.00	229	12.Jun.17	12.43			BOXED UP
KTPS	3	210.00	192	46.00	192	13.Jun.17	20.22			TURBINE PROBLEM (PERMISSION NOT GRANTED BY RUVNL. ON DT 15.06.17 AT 05.30 HRS)
KTPS	1*	110.00	100	23.00	100	19.Jun.17	14.03			BOXED UP
KTPS	2*	110.00	100	23.00	100	19.Jun.17	14.10			BOXED UP
KTPS	4*	210.00	192	46.00	192	20.Jun.17	12.06			BOXED UP
KALISINDH	2*	600.00	565	135.60	565	21.Jun.17	7.13			BOXED UP
KALISINDH	1*	600.00	565	135.60	565	29.Jun.17	12.44			BOXED UP
CHHABRA	4*	250.00	225	54.00	225	02.Jul.17	19.11			BOXED UP(ANNUAL SD FOR 15 DAYS W.E.F. 00.00 HRS DT 08.07.17)
CHHABRA	1*	250.00	225	54.00	225	04.Jul.17	9.42			BOXED UP(SD W.E.F. 22.45 HRS DT 07.07.17 TO 14.07.17 DUE TO AIR PRE HEATER PROBLEM)
STPS	2*	250.00	229	55.00	229	04.Jul.17	14.22			DESYNCHRONISED AGAINST STPS#1 WHICH WAS BOXED-UP)
Total(A) STATE SECTOR- PLANNED OUTAGE		4045.00	3679.00	826.00	3450.00					

CENTRAL SECTOR

DADRI	GT04	130.19	22	5.30	22	06.Apr.17	0.23			LESS GAS AVAILABILITY
DADRI	GT06	154.51	16	3.90	16	06.Apr.17	21.18			LESS GAS AVAILABILITY
DADRI	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
RHAND	6	500.00	70	16.80	70	03.Jul.17	0.02			UNIT ON OVERHAULING
Total(B) 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.Jul.17		DESYNCHRONIZED DUE TO ATTEND TUBE LEAKAGE IN ASH COOLAR-I
RAJWEST	1	135.00	120	0.00	0	28.Jun.17	14.58	13.Jul.17	0.40	BOILER REFRACTORY DAMAGED
RAMGARH	GT01	37.50	29	7.00	29	01.Jul.17	12.19	30.Jul.17		HIGH VIBRATION
RAMGARH	ST01	37.50	10	3.00	10	11.Jul.17	23.10	14.Jul.17		HIGH PRESSURE BOILER FEED PUMP
RAMGARH	GT02	37.50	29	7.00	29	12.Jul.17	12.00	15.Jul.17		TUBE LEAKAGE IN HRS0-11
STPS	1	250.00	229	55.00	229	13.Jul.17	3.17	14.Jul.17		DESYNCHRONISED DUE TO STEAM LEAKAGE IN BOILER DRUM
RAJWEST	1	135.00	120	0.00	0	13.Jul.17	12.24	13.Jul.17	14.19	GENERATOR AIR COOLER CHOKING
ADANI	2	660.00	600	133.50	600	14.Jul.17	1.45			APH-2A/PA SIDE EXPANSION BELOW LEAKAGE
Total(B) STATE SECTOR-FORCED OUTAGE		1417.50	1206.00	222.30	967.00					

CENTRAL SECTOR

Total(B) CENTRAL SECTOR- FORCED OUTAGE		0.00	0.00	0.00	0.00					
G.TOTAL				222.30	967.00					

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 (\$).