



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

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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								
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	52.34	55.45	9795.00	8487.00	50.01	482.76
MIN OF THE MONTH	1527.20	1671.28	1387.56	1418.02	-9.04	-8.47	6861.00	6559.00	49.96	36.95
AVERAGE	1776.19	1838.67	1741.67	1658.20	19.17	16.82	8279.95	7717.58	49.99	237.08
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
		19-Jul-17		
1	KTPS (1240/1240)	176.00	182.00	163.11
2	STPS (1500/1500)	55.00	55.00	49.43
3	DHOLPUR GAS CCGP (330/330)	0.00	0.00	0.00
4	RAMGARH (273.5/273.5)	44.00	44.00	45.51
5	RAPP-A(200/200)	38.00	38.00	39.82
6	MAHI (140/140)	0.00	0.00	0.00
7	CHAMBAL (RPS+JS) (135.5/271)	0.00	0.00	0.14
8	GIRAL LIGNITE (250/250)	0.00	0.00	0.00
9	CHHABRA TPS 1000/1000)	159.00	108.00	146.92
10	ADANI (TPS) + KALISINDH (TPS) (1200+1200/1320+1200)	259.00	286.00	285.51
11	WIND FARM (3980.40/4119.15)	40.00	50.00	50.19
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	-89.45	-99.67	-99.78
16	BIOMASS – (101.95/119.25)	5.00	5.00	5.00
17	BARSINGHSAR LTPS(250/250)	54.00	54.00	52.07
18	RAJWEST (1080/1080)	229.00	229.00	219.92
	TOTAL (A) : 1-18	969.55	951.33	957.84
19	BBMB COMPLEX			
	a) BHAKRA(230.79/1516.3)	38.71	38.22	38.49
	b) DEHAR (198/ 990)	30.10	29.58	29.84
	c) PONG (231.66/396)	10.35	4.51	9.39
	TOTAL : a TO c	79.16	72.30	77.72
20	CENTRAL STATIONS			
	d) SINGRAULI (300/ 2000)	91.46	81.86	81.86
	e) RIHAND (310.24/3000)	95.94	82.26	80.99
	f) UNCHAHAR-I(20/420)	3.00	0.67	3.02
	g) UNCHAHAR-II& III(61/630)	5.63	1.73	5.86
	h) INDIRA GANDHI STPS(JHAJHAR) 0.00/1500)	0.00	0.00	0.00
	i) NCTPS DADRI St-II (43.22/980) + DADRI-TH	2.67	1.31	5.88
	j) DADRI GAS (77/830)	3.21	3.83	3.21
	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)	4.25	4.56	4.56
	n) RAPP-B (125/440)	31.09	31.35	31.35
	o) RAPP-C (88/440)	20.58	19.38	19.38
	p) SALAL (20.36/690)	4.68	4.12	3.93
	q) URI (70.37/720)	15.09	16.53	15.93
	r) TANAKPUR (10.86/94)	2.39	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	6.02
	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)	3.28	3.28	3.28
	y) NJPC (112.00/1500)+RAMPUR(31.808/412.02)	16.38	20.45	11.43
	z) TEHRI (75/1000)	9.68	10.88	10.88
	aa) KOTESHWAR (33.44/400) + PARBATI3 (56.73/520)	20.40	20.40	33.53
	ab) TALA	3.69	3.80	3.80
	ac) MUNDRA UMPP (380/4000)	90.00	88.80	88.80
	ad) SASAN (372/3960)	87.48	87.44	87.44
	ae) FRKKA+KHLGN+TLCHR (70.18/3940)	20.78	1.86	14.12
	af) URS POWER(DADRI TH-I)	0.00	0.00	0.00
	TOTAL SCHEDULE (a TO af)	665.55	614.03	644.16
	LOSSES	-16.04	-12.06	-23.57
	NET SCHEDULED	649.51	601.97	620.59
21	BILATERAL (REG.) EXCL. BANKING	24.62	21.59	13.33
22	BANKING	-48.23	-48.23	-48.23
23	BILATERAL(INTER-REG.). EXCLUDING (ISOA & BANKING)	129.09	115.36	116.61
24	INTER STATE OPEN ACCESS (BILATERAL+IEX)	89.45	99.67	99.78
25	INDIAN ENERGY EXCHANGE	-6.64	-1.28	-1.28
	TOTAL(B): (19 TO 25)	837.80	790.33	800.80
	TOTAL GENERATION (A +B) : 1 TO 25			1758.64
	OVER DRAWAL (+)/UNDER DRAWAL (-)			-2.50
	GRAND TOTAL	1807.35	1741.66	1756.14
	LAST YEAR	1750.83	1713.29	1693.84

3. SYSTEM PARAMETERS AS ON 19-Jul-17

MAXIMUM DRAWL ON 19-Jul-17	7783 MW at 00.00-00.15 Hrs 49.95 Hz
MINIMUM DRAWL ON 19-Jul-17	6312 MW at 18.15-18.30 Hrs 49.95 Hz
Max U/D of the day	830 MW at 19.00-19.15 Hrs 49.92 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	5
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	30
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & <50.00 Hz	4
NO. OF BLOCKS(UD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & <50.00 Hz	3
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	0
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	14
NO. OF UD BLOCKS IN WHICH FREQ. >= 50.05 & <50.10 Hz	4
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 19-Jul-17	50.00 Hz
Max O/D of the day	323 MW at 06.45-07.00 Hrs 49.94Hz
Frequency Profile	% of Time
LESS THAN 49.7 HZ	0.03
LESS THAN 49.90 HZ	8.39
OPERATING RANGE (49.90 HZ TO 50.05 HZ)	66.19
ABOVE 50.05 HZ	25.39
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	73
No. of 132 KV Feeders Disconnected	0

4. WATER LEVEL OF MAJOR RESERVOIR

Name of reservoir	Capacity level		Actual Level as on		Discharge (cuses)	Inflow (cuses)
	Max.	Min.	20-Jul-17	20-Jul-16		
Gandhi Sagar (Fl.)	1312	1250	1293.21	1287.18	NIL	1882
R.P.Sagar (Fl.)	1157.5	1128	1142.35	1149.23	NIL	NIL
Jawahar Sagar (Fl.)	980	970.4	972.20	974.00	2391	NA
Kota Barrage(Fl.)	854.5	852.3	850.90	850.60		
RMC					20	
LMC					NIL	
Bhakra(Fl.)	1690	1462	1601.10	1588.45	29500	58647
Dehar (Fl.)	2941	2900	2921.52	2921.65	8467	27452
Pong(Fl.)	1421	1260	1327.19	1306.70	4502	43929
Mahi-I (Mts.)	281.5	259	271.40	270.05	NIL	11400
Mahi-II (Mts.)	220.5	217	218.00	217.10	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
20.Jul.17	KTPS	241484	12 DAYS
	STPS	80989	3 DAYS
	CHHABRA	126606	17 DAYS
	KALISINDH	138455	10 DAYS

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

20.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)
DCCPP	HRSG#1	55.00	50	12.00	50	03.Oct.15	22.35				DESYNCHRONIZED DUE TO LESS ALLOCATION OF GAS (PERMISSION NOT GRANTED BY RUVNL)
DCCPP	GT#1	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)
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				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 (SHUT DOWN TAKEN AT 06.40 HRS/18.07.17 FOR 10 DAYS BY KALISINDH)
CHHABRA	4*	250.00	225	54.00	225	02.Jul.17	19.11				BOXED UP/ANNUAL SD FOR 15 DAYS W.E.F. 06.00 HRS DT 08.07.17)
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 RUVNL 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 RUVNL ON DT. 19.07.17 W.E.F. 16.43 HRS)
Total(A) STATE SECTOR- PLANNED OUTAGE		3575.00	3254.00	781.00	3254.00						

CENTRAL SECTOR

DADRI	GT#4	130.19	22	5.30	22	06.Apr.17	0.23				LESS GAS AVAILABILITY
DADRI	GT#6	154.51	16	3.90	16	06.Apr.17	21.18				LESS GAS AVAILABILITY
DADRI	GT#3	130.19	22	5.30	22	06.Apr.17	21.27				LESS GAS AVAILABILITY
AURAIYA	GT#4	111.19	18	4.40	18	07.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	08.Jun.17	12.16				LESS GAS AVAILABILITY
ANTA	GT#2	88.71	31	7.50	31	09.Jun.17	21.51				LESS GAS AVAILABILITY
ANTA	GT#4	153.20	34	8.20	34	09.Jun.17	22.05				LESS GAS AVAILABILITY
ANTA	GT#1	88.71	31	7.50	31	09.Jun.17	22.31				LESS GAS AVAILABILITY
RIHAND	6	500.00	70	16.80	70	03.Jul.17	0.02		31.Jul.17		UNIT ON OVERHAULING
Total(A-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
RAMGARH	GT#1	37.50	29	7.00	29	01.Jul.17	12.19		30.Jul.17		HIGH VIBERATION
CHHABRA	2	250.00	225	1.31	0	17.Jul.17	11.58		20.Jul.17	0.35	DESYNCHRONISED DUE TO BTL
RAMGARH	STG#2	37.50	40	0.00	0	19.Jul.17	10.25		19.Jul.17	12.01	DUE TO LUBRICANT OIL PRESSURE LOW
CHHABRA	3	250.00	225	0.00	0	19.Jul.17	15.23		19.Jul.17	19.25	LOSS OF ALL FUEL
Total(B) STATE SECTOR-FORCED OUTAGE		700.00	589.00	25.11	99.00						

CENTRAL SECTOR

UNCHAHAR	3	210.00	24	5.70	24	19.Jul.17	12.54				FLAME FAILURE
Total(B)CENTRAL SECTOR-FORCED OUTAGE		210.00	24.00	5.70	24.00						
G.TOTAL				30.81	123.00						

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 (\$).