



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-Jun-17	1961.94	2208.45	1683.42	1964.07	15.16	-11.54	8575	9405	49.96	102.83
02-Jun-17	2088.83	2272.54	1894.26	2071.75	13.72	-10.25	8984	9906	49.96	133.92
03-Jun-17	2027.54	2284.65	1942.90	2114.62	53.75	-3.14	9328	9749	49.96	228.05
04-Jun-17	2088.65	2246.10	2005.73	2080.79	16.19	16.19	9498	9483	49.96	453.76
05-Jun-17	2084.17	2032.23	2159.11	2046.77	27.46	57.46	10251	9390	49.97	455.82
06-Jun-17	2179.91	2139.93	2211.92	2022.48	21.53	15.73	10347	9358	49.98	468.24
07-Jun-17	2265.23	2198.85	2131.84	2091.35	56.13	17.72	10069	9380	50.02	362.14
08-Jun-17	2127.22	2258.73	1931.97	2088.34	32.13	-6.18	9492	9471	50.01	235.69
09-Jun-17	1953.01	2316.44	1784.35	2055.56	39.13	6.95	8845	9514	50.01	135.23
10-Jun-17	1932.34	2274.17	1850.49	2084.06	56.92	5.52	8493	9324	50.00	117.28
11-Jun-17	1949.34	2211.35	1763.12	1959.70	29.31	-1.82	8870	9168	50.01	51.75
12-Jun-17	2063.82	2109.98	1911.59	1818.09	23.28	15.40	9026	8567	50.00	245.81
13-Jun-17	2124.24	2219.59	1919.15	1935.50	26.54	-3.99	9406	8649	49.99	280.21
14-Jun-17	2077.20	2160.92	1936.19	1942.42	26.98	14.45	9214	9136	49.99	275.76
15-Jun-17	2125.07	2232.46	1916.58	2015.20	32.12	22.74	9146	9244	49.99	289.52
16-Jun-17	2008.49	2157.70	1925.46	1940.25	36.49	27.99	8988	8928	50.00	284.26
17-Jun-17	2059.04	2161.73	1978.43	2082.99	42.13	27.53	8993	9506	50.00	306.34
18-Jun-17	2145.15	2250.39	1940.53	2087.67	17.73	5.09	9185	9497	49.99	284.80
19-Jun-17	2224.19	2172.63	1993.68	2071.86	23.32	19.52	9460	9560	50.03	390.97
20-Jun-17	2228.27	2151.52	2018.23	2068.58	33.76	11.35	9092	9623	50.02	441.71
21-Jun-17	1844.66	2149.36	1685.70	1887.78	23.98	14.40	9054	8657	50.00	277.87
22-Jun-17	1867.54	2107.60	1600.26	1895.41	33.56	17.47	8534	9207	50.00	262.09
23-Jun-17	1927.79	2205.14	1685.78	1911.99	30.62	0.26	8345	8909	49.98	100.29
24-Jun-17	1857.21	2066.83	1729.43	1860.20	22.45	11.04	8753	8605	50.00	120.36
25-Jun-17	1871.51	1980.62	1877.81	1913.63	29.87	11.98	8892	8648	49.98	132.42
26-Jun-17	1881.34	1899.83	1897.02	1827.20	33.78	9.48	8783	8210	49.98	79.70
27-Jun-17	1908.21	2038.05	1765.30	1801.09	23.66	-5.19	8249	8499	50.00	182.09
28-Jun-17	1772.00	1954.33	1491.90	1720.62	31.28	16.75	7099	8423	50.02	95.44
29-Jun-17	1676.43	1906.88	1414.27	1805.42	24.87	4.01	6871	8388	49.99	62.22
30-Jun-17	1598.79	1908.60								
MAXIMUM OF THE MONTH	2265.23	2316.44	2211.92	2114.62	56.92	57.46	10347.00	9906.00	50.03	468.24
MIN OF THE MONTH	1598.79	1899.83	1491.90	1720.62	13.72	-11.54	7099.00	8210.00	49.96	51.75
AVERAGE	2036.32	2166.14	1879.72	1977.14	30.46	10.82	9034.68	9143.43	49.99	242.66
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.)							2138.32	20-Sep-16		
MAX.PEAK LOAD DURING THE FY 2016-17 (MW)							10322	(07.00-07.15Hrs.)	ON 16-02-17	
MAX.WIND TILL DATE DURING THE YEAR 2017-18 (L.U.)							468.24	06-Jun-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
		29-Jun-17		
1	KTPS (1240/1240)	42.00	42.00	38.01
2	STPS (1500/1500)	55.00	55.00	43.96
3	DHOLPUR GAS CCPP (330/330)	0.00	0.00	0.00
4	RAMGARH (273.5/273.5)	49.00	47.00	32.43
5	RAPP-A(200/200)	38.00	38.00	39.05
6	MAHI (140/140)	0.00	0.00	0.00
7	CHAMBAL (RPS+JS) (135.5/271)	0.00	0.00	2.14
8	GIRAL LIGNITE (250/250)	0.00	0.00	0.00
9	CHHABRA TPS 1000/1000)	162.00	164.00	122.78
10	ADANI (TPS) + KALISINDH (TPS) (1200+1200/1320+1200)	288.00	425.00	276.24
11	WIND FARM (3980.40/4119.15)	25.00	30.00	62.22
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	-88.18	-87.37	-87.72
16	BIOMASS – (101.95/119.25)	5.00	6.00	5.09
17	BARSINGHSAR LTPTS(250/250)	25.00	53.00	47.49
18	RAJWEST (1080/1080)	172.00	172.00	105.35
	TOTAL (A) : 1-18	772.82	944.63	687.04
19	BBMB COMPLEX			
a)	BHAKRA(230.79/1516.3)	28.99	34.73	31.30
b)	DEHAR (198/ 990)	29.07	28.42	28.49
c)	PONG (231.66/396)	3.04	7.88	2.96
	TOTAL : a TO c	61.10	71.04	62.75
20	CENTRAL STATIONS			
d)	SINGRAULI (300/ 2000)	84.37	71.94	63.86
e)	RIHAND (310.24/3000)	101.51	100.52	93.89
f)	UNCHAHAR-I(20/420)	2.50	1.34	3.14
g)	UNCHAHAR-II& III(61/630)	10.02	6.73	11.62
h)	INDIRA GANDHI STPS(JHAJHAR) 0.00/1500)	0.00	0.00	0.00
i)	NCTPS DADRI St-II (43.22/980) + DADRI-TH	0.55	2.51	7.15
j)	DADRI GAS (77/830)	3.48	3.80	4.78
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)	8.93	8.93	8.93
n)	RAPP-B (125/440)	31.69	31.69	31.69
o)	RAPP-C (88/440)	20.58	20.58	20.58
p)	SALAL (20.36/690)	4.71	4.77	4.77
q)	URI (70.37/720)	12.35	16.73	16.73
r)	TANAKPUR (10.86/94)	2.02	0.78	0.79
s)	CHAMERA –I (105.84/540)	25.12	25.12	25.25
t)	CHAMERA-II (29.01/300)	6.98	6.98	6.98
u)	CHAMERA-III (25.21/231)	5.97	6.05	6.02
v)	DHAULIGANGA (27/280)	6.42	6.50	6.50
w)	DULHASTI (42.42/390)	10.07	10.05	10.05
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)	3.75	3.75	3.75
aa)	KOTESHWAR (33.44/400) + PARBATI3 (56.73/520)	20.40	20.40	29.58
ab)	TALA	3.63	3.18	3.18
ac)	MUNDRA UMPP (380/4000)	50.88	50.88	48.87
ad)	SASAN (372/3960)	121.27	65.71	46.29
ae)	FRKKA+KHLGN+TLCHR (70.18/3940)	22.11	16.72	7.24
af)	URS POWER(DADRI TH-I)	0.00	0.00	0.00
	TOTAL SCHEDULE(a TO af)	657.81	594.11	561.79
	LOSSES	-18.06	-14.29	-20.45
	NET SCHEDULED	639.75	579.82	541.34
21	BILATERAL (REG.) EXCL. BANKING	26.28	26.28	26.28
22	BANKING	-43.37	-43.37	-43.37
23	BILATERAL(INTER-REG.). EXCLUDING (ISOA & BANKING)	115.14	79.13	90.39
24	INTER STATE OPEN ACCESS (BILATERAL+IEX)	88.18	87.37	87.72
25	INDIAN ENERGY EXCHANGE	0.00	0.00	0.00
	TOTAL(B): (19 TO 25)	825.97	731.80	702.36
	TOTAL GENERATION (A +B) : 1 TO 25			1389.40
	OVER DRAWAL (+)/UNDER DRAWAL (-)			24.87
	GRAND TOTAL	1598.79	1676.43	1414.27
	LAST YEAR	1908.60	1906.88	1805.42

3.SYSTEM PARAMETERS AS ON 29-Jun-17

MAXIMUM DRAWL ON 29-Jun-17	6871 MW at 23.15-23.30 Hrs 50.02 Hz
MINIMUM DRAWL ON 29-Jun-17	5249 MW at 10.15-10.30 Hrs 49.97 Hz
Max O/D of the day	317 MW at 15.45-16.00 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	4
NO. OF VIOLATION (OD BLOCKS) IN WHICH FREQ. >= 49.7 & <49.9 Hz	4
No. of Blocks in which Freq. >= 49.9 & <50.00 Hz	47
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & <50.00 Hz	10
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	3
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 50.00 & <50.05 Hz	6
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	12
NO. OF UD BLOCKS IN WHICH FREQ. >= 50.05 & <50.10 Hz	3
No. of Blocks in which Freq. >= 50.10	3
NO. OF VIOLATION(UD BLOCKS) IN WHICH FREQ. >= 50.10	3
AVERAGE FREQ. FOR THE DAY 29-Jun-17	49.99 Hz
Max O/D of the day	547 MW at 10.00-10.15 Hrs 49.94 Hz
Frequency Profile	% of Time
LESS THAN 49.7 HZ	0.00
LESS THAN 49.90 HZ	8.22
OPERATING RANGE (49.90 HZ TO 50.05 HZ)	73.14
ABOVE 50.05 HZ	18.64
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-Jun-17	30-Jun-16		
Gandhi Sagar (Ft.)	1312	1250	1293.80	1283.87	NIL	1229
R.P.Sagar (Ft.)	1157.5	1128	1138.61	1146.33	NIL	4211
Jawahar Sagar (Ft.)	980	970.4	972.50	977.00	NIL	4211
Kota Barrage(Ft.)	854.5	852.3	850.90	852.00		
RMC						20
LMC						NIL
Bhakra(Ft.)	1690	1462	1566.52	1574.57	24067	37556
Dehar (Ft.)	2941	2900	2921.71	2925.26	8500	24486
Pong(Ft.)	1421	1260	1295.35	1285.20	1507	27295
Mahi-I (Mts.)	281.5	259	269.30	266.20	NIL	NIL
Mahi-II (Mts.)	220.5	217	217.70	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
30-Jun-17	KTPS	188782	6 DAYS
	STPS	91875	3.5 DAYS
	CHHABRA	106937	14 DAYS
	KALISINDH	112471	8 DAYS

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

(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	HRS01	55.00	50	12.00	50	03-Oct-15	22.35			DESYNCHRONIZED DUE TO LESS ALLOCATION OF GAS (PERMISSION NOT GRANTED BY RUVNL)	
DCCPP	GT01	110.00	100	24.00	100	08-May-16	11.05			M/T AFTER CARRYING OUT PSS TUNING WORK (PERMISSION TAKEN FOR TEST RUN OF 01.00 HRS. ON DT. 08.05.16)	
DCCPP	HRS02*	55.00	50	12.00	50	13-Jul-16	16.35			BOXED UP	
DCCPP	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	1	250.00	229	55.00	229	11-May-17	20.57			DRUM LEVEL LOW/PERMISSION OF SYNCHRONIZATION IS NOT GRANTED BY RUVNL ON DT. 13.05.17	
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			BOXED UP	
STPS	3*	250.00	229	55.00	229	12-Jun-17	12.43			BOXED UP	
KTPS	5*	210.00	192	46.00	192	13-Jun-17	10.47			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	
KTPS	6*	195.00	175	44.00	175	21-Jun-17	4.58			BOXED UP	
KALISINDH	2*	600.00	565	135.60	565	21-Jun-17	7.13			BOXED UP	
CHHABRA	3	250.00	225	0.00	0	27-Jun-17	21.25	29-Jun-17	13.47	BOILER TUBE LEAKAGE (PERMISSION OF SYNCHRONIZATION IS NOT GRANTED BY RUVNL ON DT. 28.06.17)	
KALISINDH	1*	600.00	565	135.60	565	29-Jun-17	12.44			BOXED UP	
Total(A) STATE SECTOR- PLANNED OUTAGE		4200.00	3821.00	863.00	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
AURAYYA	GT04	111.19	18	4.40	18	07-May-17	22.03			LESS GAS AVAILABILITY
AURAYYA	GT06	109.30	12	2.90	12	12-May-17	21.05			LESS GAS AVAILABILITY
AURAYYA	GT03	111.19	18	4.40	18	12-May-17	21.13			LESS GAS AVAILABILITY
AURAYYA	GT02	111.19	18	4.40	18	30-May-17	5.06			LESS GAS AVAILABILITY
AURAYYA	GT05	109.30	12	2.90	12	30-May-17	5.15			LESS GAS AVAILABILITY
AURAYYA	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
Total(B) CENTRAL SECTOR- PLANNED OUTAGE		1497.58	283.00	68.60	283.00					

(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	2	135.00	120	28.68	120	25-Jun-17	19.00	30-Jun-17		BED MATERIAL LEAKAGE
RAJWEST	1	135.00	120	28.68	120	28-Jun-17	14.58	02-Jul-17		BOILER REFRACTORY DAMAGED
RAMGARH	STG01	37.50	10	0.00	0	29-Jun-17	2.58	29-Jun-17	8.27	HPBF PUMP TRIP
CHHABRA	2	250.00	225	54.00	225	29-Jun-17	9.45	30-Jun-17		BOILER TUBE LEAKAGE
CHHABRA	3	250.00	225	0.00	0	29-Jun-17	15.03	29-Jun-17	16.39	FURNACE PRESSURE LOW
RAMGARH	GT03	110.00	100	0.00	0	29-Jun-17	14.01	29-Jun-17	23.15	REVERSE POWER PROTECTION
RAMGARH	STG02	50.00	40	1.46	0	29-Jun-17	14.01	30-Jun-17	3.39	REVERSE POWER PROTECTION
RAMGARH	GT01	35.50	29	0.00	0	29-Jun-17	15.57	29-Jun-17	17.12	HIGH GRID VOLTAGE
BARSINGAR	2	125.00	110	26.40	110	29-Jun-17	21.10	01-Jul-17		DESYNCHRONIZED DUE TO REFRACTORY FAILURE
Total(B) STATE SECTOR-FORCED OUTAGE		1253.00	1048.00	156.02	644.00					

CENTRAL SECTOR

JHAJJAR	1	500.00	5	1.20	5	24-Jun-17	23.09			BOILER TUBE LEAKAGE
RIBAND	6	500.00	59	14.20	59	29-Jun-17	21.07			ELECTRICAL FAULT
Total(B) CENTRAL SECTOR- FORCED OUTAGE		1000.00	64.00	15.40	64.00					
G.TOTAL			171.42	708.00						

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 (\$).