



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. --MAY- 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		
May-17										
01-May-17	1837.16	2036.12	1833.87	1885.79	22.71	18.10	8892	8719	49.99	135.04
02-May-17	1849.34	2032.84	1823.88	1891.60	28.21	9.22	8587	8883	49.92	154.65
03-May-17	1603.25	2007.99	1665.22	1877.74	49.01	11.51	7838	9026	49.89	73.67
04-May-17	1782.60	2012.54	1919.59	1941.24	38.13	5.30	8953	8793	49.96	49.55
05-May-17	1979.93	2006.33	1990.19	1728.63	1.86	-25.93	9488	8586	49.95	80.75
06-May-17	2125.12	1998.98	1982.31	1716.68	1.49	20.46	9243	8438	49.96	126.47
07-May-17	2152.19	1999.74	1889.27	1878.18	16.89	12.33	8986	9024	49.98	166.18
08-May-17	1981.55	2036.87	1900.90	1863.74	19.13	10.81	8876	8623	49.98	155.70
09-May-17	2127.50	1998.34	1957.52	1867.82	12.93	1.86	9083	8475	49.99	206.52
10-May-17	2135.63	2092.96	1929.02	1829.76	20.60	-11.09	8866	8312	49.98	164.11
11-May-17	2145.59	2022.13	1961.87	1876.42	-2.22	19.12	9360	8803	49.95	181.76
12-May-17	2131.77	2090.79	2040.20	1930.77	-6.21	-12.23	9393	9169	49.93	111.60
13-May-17	2132.40	2115.00	2106.98	1922.65	7.12	3.40	10030	9213	49.97	125.20
14-May-17	2277.47	2131.90	2036.35	1993.35	19.40	5.84	9818	9175	49.92	217.40
15-May-17	2231.94	2116.50	2083.11	1964.62	29.63	12.39	9956	9075	50.01	266.44
16-May-17	2228.76	2041.04	2016.63	1940.25	7.64	27.99	9649	8928	49.99	164.46
17-May-17	2082.03	2161.73	1846.51	1989.82	44.70	6.98	9022	9472	49.98	163.10
18-May-17	1998.98	2060.55	1930.20	2051.86	38.06	27.84	8912	9508	49.98	266.76
19-May-17	2122.39	2048.30	1887.98	2090.18	46.63	27.80	8724	9690	49.99	381.53
20-May-17	1940.83	2114.26	1834.29	2076.07	57.70	33.29	8900	9538	49.98	338.30
21-May-17	1598.99	2206.04	1699.47	2033.25	43.05	11.25	8326	9329	50.02	341.11
22-May-17	1781.03	2336.19	1640.10	1977.18	17.84	6.67	8689	9085	49.98	137.93
23-May-17	1829.87	2192.33								
24-May-17										
25-May-17										
26-May-17										
27-May-17										
28-May-17										
29-May-17										
30-May-17										
31-May-17										
MAXIMUM OF THE MONTH	2277.47	2336.19	2106.98	2090.18	57.70	33.29	10030.00	9690.00	50.02	381.53
MIN OF THE MONTH	1598.99	1998.34	1640.10	1716.68	-6.21	-25.93	7838.00	8312.00	49.89	49.55
AVERAGE	2003.32	2080.85	1907.98	1923.98	23.38	10.13	9072.32	8993.82	49.97	182.19
MAX.CONSUMPTION TILL DATE DURING THE FY 2017-18 (L.U.)							2106.98	13-May-17		
MAX.PEAK LOAD TILL DATE DURING THE FY 2017-18 (MW)							10030	(23.15-23.30 Hrs.)	13-May-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.)							445.99	22-Apr-17		
MAX.WIND DURING THE YEAR 2016-17 (L.U.)							413.67	06-Jul-16		

2. Anticipated Availability/Generation Assessment 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
		22-May-17		
1	KTPS (1240/1240)	130.00	130.00	114.37
2	STPS (1500/1500)	51.00	55.00	41.47
3	DHOLPUR GAS CAPP (330/330)	0.00	0.00	0.00
4	RAMGARH (273.5/273.5)	12.00	48.00	30.58
5	RAPP-A(200/200)	38.00	38.00	40.57
6	MAHI (140/140)	0.00	0.00	0.62
7	CHAMBAL (RPS+JS) (135.5/271)	0.00	0.00	3.28
8	GIRAL LIGNITE (250/250)	0.00	0.00	0.00
9	CHHABRA TPS 1000/1000)	161.00	161.00	145.81
10	ADANI (TPS) + KALISINDH (TPS) (1200+1200/1320+1200)	458.00	426.00	425.93
11	WIND FARM (3980.40/4119.15)	130.00	150.00	137.93
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	-76.68	-72.52	-74.10
16	BIOMASS – (101.95/119.25)	5.00	5.00	4.81
17	BARSINGHAR LTPS(250/250)	26.00	26.00	23.80
18	RAJWEST (1080/1080)	172.00	201.00	138.90
	TOTAL (A) : 1-18	1106.32	1167.48	1033.97
19	BBMB COMPLEX			
a)	BHAKRA(230.79/1516.3)	24.62	25.15	24.80
b)	DEHAR (198/ 990)	22.96	22.96	22.96
c)	PONG (231.66/396)	11.43	10.91	11.46
	TOTAL : a TO c	59.01	59.02	59.21
20	CENTRAL STATIONS			
d)	SINGRAULI (300/ 2000)	85.29	54.63	53.66
e)	RIHAND (310.24/3000)	106.51	70.86	70.57
f)	UNCHAHAAR-I(20/420)	1.64	3.14	3.12
g)	UNCHAHAAR-II& III(61/630)	6.55	10.55	12.94
h)	INDIRA GANDHI STPS(JHAJHAR) 0.00/1500)	0.22	1.24	1.67
i)	NCTPS DADRI St-II (43.22/980) + DADRI-TH	5.08	2.46	5.57
j)	DADRI GAS (77/830)	3.06	4.18	6.16
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)	11.14	11.14	11.14
n)	RAPP-B (125/440)	30.66	30.66	30.66
o)	RAPP-C (88/440)	22.44	22.44	22.44
p)	SALAL (20.36/690)	4.69	4.64	4.58
q)	URI (70.37/720)	17.90	17.90	17.90
r)	TANAKPUR (10.86/94)	0.92	0.87	0.90
s)	CHAMERA –I (105.84/540)	21.56	19.60	19.60
t)	CHAMERA-II (29.01/300)	8.90	8.90	8.90
u)	CHAMERA-III (25.21/231)	7.13	7.13	7.13
v)	DHAULIGANGA (27/280)	3.60	4.04	3.65
w)	DULHASTI (42.42/390)	12.09	12.01	12.09
x)	SEWA (13/120)	2.59	3.70	3.70
y)	NJPC (112.00/1500)+RAMPUR(31.808/412.02)	40.37	40.37	40.37
z)	TEHRI (75/1000)	6.41	5.70	5.96
aa)	KOTESHWAR (33.44/400) + PARBATI3 (56.73/520)	19.91	17.97	21.94
ab)	TALA	1.33	1.44	1.44
ac)	MUNDRA UMPP (380/4000)	54.72	32.49	20.64
ad)	SASAN (372/3960)	72.84	42.00	31.91
ae)	FRKKA+KHLGN+TLCHR (70.18/3940)	28.36	20.33	8.96
af)	URS POWER(DADRI TH-I)	0.00	0.00	0.00
	TOTAL SCHEDULE(a TO af)	634.90	509.39	486.80
	LOSSES	-21.79	-16.69	-20.94
	NET SCHEDULED	613.11	492.70	465.86
21	BILATERAL (REG.) EXCL. BANKING	24.00	24.00	24.00
22	BANKING	0.00	0.00	0.00
23	BILATERAL(INTER-REG.) EXCLUDING (ISOA & BANKING)	43.00	23.68	27.00
24	INTER STATE OPEN ACCESS (BILATERAL+IEX)	76.68	72.52	74.10
25	INDIAN ENERGY EXCHANGE	-33.24	-2.66	-2.66
	TOTAL(B): (19 TO 25)	723.55	613.55	588.29
	TOTAL GENERATION (A +B) : 1 TO 25			1622.26
	OVER DRAWAL (+)/UNDER DRAWAL (-)			17.84
	GRAND TOTAL	1829.87	1781.03	1640.10
	LAST YEAR	2192.33	2336.19	1977.18

3. SYSTEM PARAMETERS AS ON 22-May-17

MAXIMUM DRAWL ON 22-May-17	8689 MW at 23.00-23.15 Hrs 49.86 Hz
MINIMUM DRAWL ON 22-May-17	4656 MW at 04.00-04.15 Hrs 49.99 Hz
Max U/D of the day	541 MW at 01.00-01.15 Hrs 49.93 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	2
NO. OF VIOLATION (OD BLOCKS) IN WHICH FREQ. >= 49.7 & <49.9 Hz	2
No. of Blocks in which Freq. >= 49.9 & <50.00 Hz	58
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	30
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 50.00 & <50.05 Hz	5
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	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
AVERAGE FREQ. FOR THE DAY	22-May-17 49.98 Hz
Max O/D of the day	585 MW at 11.30-11.45 Hrs 49.91 Hz
Frequency Profile	% of Time
LESS THAN 49.7 HZ	0.00
LESS THAN 49.90 HZ	8.04
OPERATING RANGE (49.90 HZ TO 50.05 HZ)	74.39
ABOVE 50.05 HZ	17.57
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	15
No. of 132 KV Feeders Disconnected	0

4. WATER LEVEL OF MAJOR RESERVOIR

Name of reservoir	Capacity level		Actual Level as on		Discharge (cumecs)	Inflow (cumecs)
	Max.	Min.	23-May-17	23-May-16		
Gandhi Sagar (Ft.)	1312	1250	1295.57	1286.53	NIL	407
R.P.Sagar (Ft.)	1157.5	1128	1136.74	1140.79	NIL	NIL
Jawahar Sagar (Ft.)	980	970.4	974.70	973.60	760	NIL
Kota Barrage(Ft.)	854.5	852.3	851.51	851.00		
RMC					20	
LMC					NIL	
Bhakra(Ft.)	1690	1462	1541.95	1564.24	19940	28988
Dehar (Ft.)	2941	2900	2923.55	2932.34	6134	7564
Pong(Ft.)	1421	1260	1295.02	1285.90	5506	3846
Mahi-I (Mts.)	281.5	259	269.20	266.35	380	NIL
Mahi-II (Mts.)	220.5	217	218.40	217.70	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
23-May-17	KTPS	269040	13 Days
	STPS	187825	7.5 Days
	CHHABRA	68727	9 Days
	KALISINDH	59281	4 Days

6. GENERATING UNIT OUTAGE REPORT UP TO 6.00 HRS OF DT.

23-May-17

A) PLANNED OUTAGE

NAME OF STATION	UNIT OUT	INSTALLED CAPACITY	NET ALLOC./AVAIL. (MW)		OUTAGE		EXPECT./REYNAL		REASON OF OUTAGE
					DATE	TIME	DATE	TIME	
STATE SECTOR									
SRAL	1	125.00	70	16.00	70	11-Jun-14	8.20		RED MATERIAL LEAKAGE (SB W.E.F.15.07.14)
DCCPF	HRNGH	85.00	50	12.00	50	03-Oct-15	22.35		DESYNCHRONIZED DUE TO LESS ALLOCATION OF GAS (PERMISSION NOT GRANTED BY BSNL)
DCCPF	GT#1	110.00	100	24.00	100	08-May-16	11.05		NOT AFTER CARRYING OUT PS TUNING WORK (PERMISSION TAKEN FOR TEST RUN OF FLO. HRS. ON DT. 08.05.16)
DCCPF	HRNG2	85.00	50	12.00	50	13-Jun-16	16.25		BOILER UP
DCCPF	GT#2	110.00	100	24.00	100	13-Jun-16	16.40		BOILER UP
STPS	5*	250.00	229	85.00	229	10-May-17	17.00		BOILER UP
STPS	1	250.00	229	85.00	229	11-May-17	20.57		DEMN LEVEL 1.00(PERMISSION OF SYNCHRONIZATION IS NOT GRANTED BY BSNL ON DT. 11.05.17)
STPS	4*	250.00	229	85.00	229	15-May-17	18.15		BOILER UP
STPS	6*	250.00	229	85.00	229	16-May-17	21.41		BOILER UP
STPS	3	250.00	229	85.00	229	14-May-17	23.47		BOILER SIDE PROBLEM (PERMISSION OF SYNCHRONIZATION IS NOT GRANTED BY BSNL ON DT. 14.05.17)
KTPS	2*	110.00	100	23.00	100	19-May-17	13.52		BOILER UP
KTPS	1*	110.00	100	23.00	100	19-May-17	14.11		BOILER UP
KTPS	3*	110.00	102	46.00	102	19-May-17	16.57		BOILER UP
KTPS	4*	110.00	102	46.00	102	19-May-17	17.59		BOILER UP
Total A-STATE SECTOR-PLANNED OUTAGE			2245.00	2099.00	501.00	2099.00			
CENTRAL SECTOR									
ANTA	GT#1	88.71	31	7.50	31	18-Nov-16	14.28		LESS GAS AVAILABILITY
ANTA	GT#2	88.71	31	7.50	31	15-Mar-17	19.03		LESS GAS AVAILABILITY
ANTA	GT#3	88.71	31	7.50	31	15-Mar-17	17.35		LESS GAS AVAILABILITY
ANTA	GT#4	153.20	34	8.20	34	15-Mar-17	17.44		LESS GAS AVAILABILITY
AURAVA	GT#5	109.20	12	2.90	12	19-Mar-17	17.44		LESS GAS AVAILABILITY
AURAVA	GT#1	111.19	18	4.40	18	19-Mar-17	17.53		LESS GAS AVAILABILITY
DABDI	GT#4	136.19	22	5.20	22	20-Mar-17	8.09		LESS GAS AVAILABILITY
DABDI	GT#6	154.51	16	3.90	16	06-Apr-17	0.85		LESS GAS AVAILABILITY
DABDI	GT#5	154.51	16	3.90	16	16-Apr-17	0.23		LESS GAS AVAILABILITY
Total A-CENTRAL SECTOR-PLANNED OUTAGE			1079.03	211.00	51.10	211.00			
B) FORCED OUTAGE									
STATE SECTOR									
STATE SECTOR									
SRAL	2	125.00	70	16.00	70	25-Jun-16	10.27	01-Jun-17	DESYNCHRONIZED DUE TO ATTEND TUBE LEAKAGE IN ASH COOLERS
BARNINGSAR	2	125.00	110	26.00	110	01-May-17	16.12	24-May-17	DESYNCHRONIZED DUE TO REFRACTORY MAINTENANCE WORK
RAJWEST	5	135.00	120	20.00	120	02-May-17	3.01	25-May-17	RED MATERIAL LEAKAGE
CHHABRA	2	250.00	225	54.00	225	02-May-17	16.51	30-May-17	COAL FEEDING PROBLEM
BANGARI	STG#1	27.50	10	3.00	10	07-May-17	14.02	23-May-17	GRID FAILURE
KALISINDH	2	400.00	565	0.00	0	20-May-17	20.06	22-May-17	7.50 CASCADING TRIPPING OF 505 KV ANTA - PHAGI & H
BANGARI	GT#3	110.00	100	0.00	0	22-May-17	9.12	22-May-17	12.06 GRID FAILURE
BANGARI	GT#1	27.50	20	0.00	0	22-May-17	9.12	22-May-17	14.14 GRID FAILURE
BANGARI	GT#2	27.50	20	7.00	20	22-May-17	9.12	22-May-17	23-May-17 GRID FAILURE
BANGARI	STG#2	50.00	40	0.00	0	22-May-17	9.12	22-May-17	21.23 GRID FAILURE
RAJWEST	7	135.00	120	20.00	120	22-May-17	15.10	25-May-17	RED MATERIAL LEAKAGE
STPS	2	250.00	229	2.94	0	22-May-17	21.29	22-May-17	1.40 GT#3 CIRCUIT BREAKER OPERATED
BANGARI	GT#3	110.00	100	22.00	100	23-May-17	2.00	23-May-17	TURBINE COMPARTMENT VENT FAN FAILURE
BANGARI	STG#2	50.00	40	8.00	40	23-May-17	2.00	23-May-17	TURBINE COMPARTMENT VENT FAN FAILURE
KALISINDH	2	400.00	575	106.26	575	23-May-17	5.31	23-May-17	DESYNCHRONIZED DUE TO OIL LEAKAGE IN MOP LINE OF TURBINE
TOTAL STATE FORCE OUTAGE			2652.50	2362.00	385.50	1390.00			
CENTRAL SECTOR									
UNCHAR	2	210.00	24	5.70	24	19-May-17	12.59		BOILER TUBE LEAKAGE
Total B-CENTRAL SECTOR-FORCED OUTAGE			210.00	24.00	5.70	24.00			
G.TOTAL			311.26	1423.00					