



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										
1-May-17	1837.16	2036.12	1833.87	1885.79	22.71	18.10	8892	8719	49.99	135.04
2-May-17	1849.34	2032.84	1823.88	1891.60	28.21	9.22	8587	8883	49.92	154.65
3-May-17	1603.25	2007.99	1665.22	1877.74	49.01	11.51	7838	9026	49.89	73.67
4-May-17	1782.60	2012.54	1919.59	1941.24	38.13	5.30	8953	8793	49.96	49.55
5-May-17	1979.93	2006.33	1990.19	1728.63	1.86	-25.93	9488	8586	49.95	80.75
6-May-17	2125.12	1998.98	1982.31	1716.68	1.49	20.46	9243	8438	49.96	126.47
7-May-17	2152.19	1999.74	1889.27	1878.18	16.89	12.33	8986	9024	49.98	166.18
8-May-17	1981.55	2036.87	1900.90	1863.74	19.13	10.81	8876	8623	49.98	155.70
9-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								
20-May-17										
21-May-17										
22-May-17										
23-May-17										
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	2161.73	2106.98	2051.86	49.01	27.99	10030.00	9508.00	50.01	266.76
MIN OF THE MONTH	1603.25	1998.34	1665.22	1716.68	-6.21	-25.93	7838.00	8312.00	49.89	49.55
AVERAGE	2048.72	2053.19	1939.65	1897.27	19.39	7.99	9164.00	8901.22	49.96	156.08
MAX.CONSUMPTION TILL DATE DURING THE FY 2017-18 (L.U.)			2106.98				2106.98	13-May-17		
MAX.PEAK LOAD TILL DATE DURING THE FY 2017-18 (MW)			10030				10030	(23.15-23.30 Hrs.)	13-May-17	
MAX.CONSUMPTION DURING THE FY 2016-17 (L.U.)			2138.32				2138.32	20-Sep-16		
MAX.PEAK LOAD DURING THE FY 2016-17 (MW)			10322				10322	(07.00-07.15Hrs.)	ON 16-02-17	
MAX.WIND TILL DATE DURING THE YEAR 2017-18 (L.U.)			445.99				445.99	22-Apr-17		
MAX.WIND DURING THE YEAR 2016-17 (L.U.)			413.67				413.67	6-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
		18-May-17		
1	KTPS (1240/1240)	250.00	254.00	228.99
2	STPS (1500/1500)	55.00	55.00	51.29
3	DHOLPUR GAS CCPP (330/330)	0.00	0.00	0.00
4	RAMGARH (273.5/273.5)	49.00	43.00	47.30
5	RAPP-A(200/200)	38.00	38.00	41.10
6	MAHI (140/140)	0.00	0.00	0.00
7	CHAMBAL (RPS+JS) (135.5/271)	0.00	0.00	0.00
8	GIRAL LIGNITE (250/250)	0.00	0.00	0.00
9	CHHABRA TPS 1000/1000)	107.00	104.00	87.34
10	ADANI (TPS) + KALISINDH (TPS) (1200+1200/1320+1200)	426.00	426.00	401.76
11	WIND FARM (3980.40/4119.15)	300.00	250.00	266.76
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	-58.10	-55.18	-55.18
16	BIOMASS – (101.95/119.25)	5.00	6.00	4.80
17	BARSINGHAR LTPS(250/250)	26.00	26.00	26.39
18	RAJWEST (1080/1080)	201.00	201.00	180.75
	TOTAL (A) : 1-18	1398.90	1347.82	1281.30
19	BBMB COMPLEX			
a)	BHAKRA(230.79/1516.3)	27.30	26.93	27.22
b)	DEHAR (198/ 990)	22.96	22.96	22.96
c)	PONG (231.66/396)	12.18	12.65	12.18
	TOTAL : a TO c	62.44	62.53	62.36
20	CENTRAL STATIONS			
d)	SINGRAULI (300/ 2000)	58.27	59.51	60.78
e)	RIHAND (310.24/3000)	65.70	106.51	48.18
f)	UNCHAHAHAR-I(20/420)	0.00	2.10	3.36
g)	UNCHAHAHAR-II& III(61/630)	0.00	6.86	13.31
h)	INDIRA GANDHI STPS(JHAJHAR) 0.00/1500)	0.09	0.39	0.29
i)	NCTPS DADRI St-II (43.22/980) + DADRI-TH	0.00	0.41	6.04
j)	DADRI GAS (77/830)	0.38	0.47	4.96
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)	10.69	10.38	10.38
n)	RAPP-B (125/440)	108.65	30.75	30.75
o)	RAPP-C (88/440)	23.12	23.12	23.12
p)	SALAL (20.36/690)	4.25	3.78	3.79
q)	URI (70.37/720)	17.90	17.89	17.90
r)	TANAKPUR (10.86/94)	1.16	1.11	1.08
s)	CHAMERA –I (105.84/540)	25.12	20.58	21.56
t)	CHAMERA-II (29.01/300)	8.90	8.90	8.90
u)	CHAMERA-III (25.21/231)	7.23	7.15	7.15
v)	DHAULIGANGA (27/280)	4.63	5.15	4.31
w)	DULHASTI (42.42/390)	12.09	12.06	12.06
x)	SEWA (13/120)	3.70	3.92	3.92
y)	NJPC (112.00/1500)+RAMPUR(31.808/412.02)	40.37	40.37	40.37
z)	TEHRI (75/1000)	5.70	5.70	5.70
aa)	KOTESHWAR (33.44/400) + PARBATI3 (56.73/520)	18.15	17.75	19.39
ab)	TALA	2.12	2.86	2.86
ac)	MUNDRA UMPP (380/4000)	54.48	54.92	54.92
ad)	SASAN (372/3960)	64.50	71.25	71.25
ae)	FRKKA+KHLGN+TLCHR (70.18/3940)	21.25	22.24	23.26
af)	URS POWER(DADRI TH-I)	0.00	0.00	0.00
	TOTAL SCHEDULED(a TO af)	620.86	598.64	561.93
	LOSSES	-20.56	-19.34	-22.96
	NET SCHEDULED	600.30	579.30	538.98
21	BILATERAL (REG.) EXCL. BANKING	24.07	24.07	24.07
22	BANKING	0.00	0.00	0.00
23	BILATERAL(INTER-REG.). EXCLUDING (ISOA & BANKING)	57.24	50.39	57.24
24	INTER STATE OPEN ACCESS (BILATERAL+IEX)	58.10	55.18	55.18
25	INDIAN ENERGY EXCHANGE	-16.22	-64.62	-64.62
	TOTAL(B): (19 TO 25)	723.49	651.16	610.84
	TOTAL GENERATION (A +B) : 1 TO 25			1892.14
	OVER DRAWAL (+)/UNDER DRAWAL (-)			38.06
	GRAND TOTAL	2122.39	1998.98	1930.21
	LAST YEAR	2048.30	2060.55	2051.87

3. SYSTEM PARAMETERS AS ON 18-May-17

MAXIMUM DRAWL ON 18-May-17	8912 MW at 22.15-22.30 Hrs 49.98 Hz
MINIMUM DRAWL ON 18-May-17	7431 MW at 18.30-18.45 Hrs 50.02 Hz
Max U/D of the day	193 MW at 06.00-06.15 Hrs 50.06 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	7
NO. OF VIOLATION (OD BLOCKS) IN WHICH FREQ. >= 49.7 & <49.9 Hz	5
No. of Blocks in which Freq. >= 49.9 & <50.0 Hz	49
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & <50.0 Hz	19
NO. OF BLOCKS(UD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & <50.0 Hz	0
No. of Blocks in which Freq. >= 50.00 & <50.05 Hz	37
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 50.00 & <50.05 Hz	8
NO. OF BLOCKS(UD ABOVE 250 MW) IN WHICH FREQ. >= 50.00 & <50.05 Hz	0
No. of Blocks in which Freq. >= 50.05 & <50.10 Hz	3
NO. OF UD BLOCKS IN WHICH FREQ. >= 50.05 & <50.10 Hz	2
No. of Blocks in which Freq. >= 50.10	0
NO. OF VIOLATION(UD BLOCKS) IN WHICH FREQ. >= 50.10	0

4. WATER LEVEL OF MAJOR RESERVOIR

Name of reservoir	Capacity level		Actual Level as on		Discharge (cusecs)	Inflow (cusecs)
	Max.	Min.	19-May-17	18-May-17		
Gandhi Sagar (FL)	1312	1250	1295.65	1287.07	NIL	407
R.P.Sagar (FL)	1157.5	1128	1136.97	1140.72	NIL	NIL
Jawahar Sagar (FL)	980	970.4	976.70	973.40	NIL	NA
Kota Barrage(FL)	854.5	852.3	852.60	851.40		
RMC					20	
LMC					NIL	
Bhakra(FL)	1690	1462	1537.62	1561.12	2315	32870
Dehar (FL)	2941	2900	2923.42	2932.34	6156	6788
Pong(FL)	1421	1260	1295.70	1286.78	5809	4277
Mahi-I (Mts.)	281.5	259	269.60	266.40	535	NIL
Mahi-II (Mts.)	220.5	217	218.50	217.75	NIL	NIL

5. POSITION OF COAL STOCK (In MT)

AVERAGE FREQ. FOR THE DAY	18-May-17	49.98 Hz	Date	Name of Station	Stock at 00.00 hrs. (MT)	Coal stock sufficient for No. of days
Max O/D of the day	533 MW at 19.00-19.15 Hrs 19.97 Hz		19/May/17	KTPS	302256	15 Days
Frequency Profile	% of Time					
LESS THAN 49.7 HZ	0.00					
LESS THAN 49.90 HZ	9.56					
OPERATING RANGE (49.90 HZ TO 50.05 HZ)	74.11			STPS	198262	7.5 Days
ABOVE 50.05 HZ	16.33			CHHABRA	58939	7.5 Days
No. of 220 KV GSS advised to switch off 33 KV Urban Feeders	0			KALISINDH	40098	2.5 Days
No. of 220 KV GSS advised to switch off 33 KV Rural Feeders	154					
No. of 132 KV Feeders Disconnected	0					

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

19/May/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										
GRAL	1	125.00	70	16.80	70	11-Jun-14	8.20			RED MATERIAL LEAKAGE (SD W.E.F. 15.07.14)
DCPP	HRS01	55.00	50	12.00	50	3-Oct-15	22.35			DESYNCHRONIZED DUE TO LESS ALLOCATION OF GAS (PERMISSION NOT GRANTED BY REVN.)
DCPP	GT01	110.00	100	24.00	100	8-May-16	11.05			MOT AFTER CARRYING OUT TSS 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-Jun-16	16.35			BOXED UP
DCPP	GT2*	110.00	100	24.00	100	13-Jun-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 REVN. ON DT. 13.05.17)
STPS	4*	250.00	229	55.00	229	15-May-17	18.15			BOXED UP
STPS	6*	250.00	229	55.00	229	16-May-17	21.41			BOXED UP
STPS	3	250.00	229	55.00	229	14-May-17	23.47			BOILER SIDE PROBLEM (PERMISSION OF SYNCHRONIZATION IS NOT GRANTED BY REVN. ON DT. 13.05.17)
Total A STATE SECTOR- PLANNED OUTAGE		1705.00	1515.00	363.80	1515.00					

CENTRAL SECTOR

ANTA	GT01	88.71	31	7.50	31	18-Nov-16	14.28			LESS GAS AVAILABILITY
ANTA	GT02	88.71	31	7.50	31	15-Mar-17	19.03			LESS GAS AVAILABILITY
ANTA	GT03	88.71	31	7.50	31	15-Mar-17	17.33			LESS GAS AVAILABILITY
ANTA	GT04	153.20	34	8.20	34	15-Mar-17	17.44			LESS GAS AVAILABILITY
AURAIYA	GT05	109.30	12	2.90	12	19-Mar-17	17.44			LESS GAS AVAILABILITY
AURAIYA	GT01	111.19	18	4.40	18	19-Mar-17	17.53			LESS GAS AVAILABILITY
DADRI	GT04	130.19	22	5.30	22	20-Mar-17	8.00			LESS GAS AVAILABILITY
SINGRAULI	1 Q	200.00	34	0.00	0	30-Mar-17	0.38	27-Apr-17	23.48	ANNUAL MAINTENANCE
DADRI	GT06	154.51	16	3.90	16	6-Apr-17	0.05			LESS GAS AVAILABILITY
DADRI	GT05	154.51	16	3.90	16	16-Apr-17	0.23			LESS GAS AVAILABILITY
Total A CENTRAL SECTOR- PLANNED OUTAGE		1279.03	245.00	51.10	211.00					

(B) FORCE OUTAGE

STATE SECTOR

STATE SECTOR

GRAL	2	125.00	70	16.80	70	27-Jun-16	15.27	1-Jun-17		DESYNCHRONIZED DUE TO ATTEND TUBE LEAKAGE IN ASH COOLAR-I
BARSINGAR	2	125.00	110	26.40	110	1-May-17	16.12	18-May-17		DESYNCHRONIZED DUE TO REFRACTORY MAINTENANCE WORK
RAJWEST	5	135.00	120	28.08	120	2-May-17	3.01	18-May-17		RED MATERIAL LEAKAGE
CHHABRA	2	250.00	225	54.00	225	2-May-17	16.51	18-May-17		COAL FEEDING PROBLEM
RAMGARH	STG01	37.50	10	3.00	10	7-May-17	14.02	18-May-17		GRID FAILURE
CHHABRA	4	250.00	225	0.00	0	7-May-17	18.55	18-May-17	0.37	COAL FEEDING PROBLEM
CHHABRA	3	250.00	225	54.00	225	17-May-17	11.02			OIL LEAKAGE IN LOP OF GUIDE BEARING OF APH-3B.
KALISINDH	1	600.00	565	135.60	565	17-May-17	12.59			SUSPECTED BOILER TUBE LEAKAGE
KTPS	6	195.00	175	0.00	0	18-May-17	16.06	18-May-17	21.54	UPS SUPPLY FAILURE
KTPS	6	195.00	175	4.00	0	18-May-17	22.31	19-May-17	2.16	C & I PROBLEM
TOTAL STATE FORCE OUTAGE		2162.50	1900.00	322.48	1325.00					

CENTRAL SECTOR

SINGRAULI	6	500.00	85	20.50	85	17-May-17	19.42			BOILER TUBE LEAKAGE
RHAND	1	500.00	58	0.00	0	18-May-17	8.01	18-May-17	15.31	NA IN NMLDC REPORT
RHAND	5	500.00	75	0.00	0	18-May-17	8.01	18-May-17	15.26	NA IN NMLDC REPORT
RHAND	6	500.00	70	0.00	0	18-May-17	8.01	18-May-17	21.16	NA IN NMLDC REPORT
RHAND	3	500.00	59	0.00	0	18-May-17	8.01	18-May-17	21.36	NA IN NMLDC REPORT
Total B CENTRAL SECTOR- FORCED OUTAGE		2500.00	347.00	20.50	85.00					
G.TOTAL			342.98	1410.00						