



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- 2018

Date	Anticipated Availability (In LU)		Consumption (In LU)		OD(+)/UD(-) (In LU)		Peak Load (In MW)		Average freq. (In Hz)	WIND (in LU)
	2018	2017	2018	2017	2018	2017	2018	2017	2018	2018
01-May-18	2221.10	1837.16	2073.14	1833.87	25.25	22.71	9787	8892	50.00	346.11
02-May-18	2201.11	1849.34	2033.88	1823.88	40.17	28.21	9769	8587	50.02	257.78
03-May-18	2116.68	1603.25	1944.39	1665.23	22.24	49.01	9102	7838	50.01	143.70
04-May-18	2013.93	1782.60	2065.22	1919.59	46.27	38.13	9513	8953	49.94	65.13
05-May-18	2135.51	1979.93	2132.98	1990.19	17.22	1.86	9847	9488	49.92	176.33
06-May-18	2105.24	2125.12	2091.52	1982.31	-15.35	1.49	9830	9243	49.97	390.45
07-May-18	2279.26	2152.19	2069.07	1889.27	9.10	16.89	9791	8986	49.94	225.74
08-May-18	2102.96	1981.55	1904.55	1900.90	16.20	19.13	9152	8876	49.95	105.71
09-May-18	2104.03	2127.50	2081.56	1957.52	38.48	12.93	9916	9083	49.94	62.74
10-May-18	2017.42	2135.63	2114.70	1929.02	67.29	20.60	9842	8866	49.90	79.21
11-May-18	2147.62	2145.59	2266.35	1961.87	60.97	-0.22	10538	9360	49.94	221.45
12-May-18	2196.50	2131.77	2263.90	2040.20	10.26	-6.21	10453	9393	49.96	365.13
13-May-18	2284.00	2132.40	2182.11	2040.20	31.49	-6.21	10356	9393	49.99	123.58
14-May-18	2289.11	2132.40	2237.68	2036.35	55.96	19.40	10666	9818	50.00	95.51
15-May-18	2249.49	2231.94	2217.49	2083.11	21.98	29.63	10263	9956	49.94	176.71
16-May-18	2297.02	2228.76	2208.33	2016.63	18.20	7.64	10165	9649	49.92	70.02
17-May-18	2252.09	2082.03	2260.98	1846.51	19.36	44.70	10514	9022	49.95	146.41
18-May-18	2261.07	1998.99	2265.41	1930.21	6.64	38.06	10359	8912	49.91	84.68
19-May-18	2199.14	2122.39	2257.53	1887.98	14.41	46.63	10296	8724	49.91	109.65
20-May-18	2202.59	1940.83	2217.13	1834.29	-11.50	57.70	9965	8900	49.98	130.74
21-May-18	2330.45	1598.99	2296.20	1699.47	9.89	43.05	10496	8326	49.94	184.55
22-May-18	2384.00	1781.03	2364.94	1640.10	11.21	17.84	10723	8689	49.92	230.13
23-May-18	2344.60	1829.87	2338.18	1886.00	64.89	26.70	10508	9057	49.95	67.56
24-May-18	2378.99	1828.37								
25-May-18										
26-May-18										
27-May-18										
28-May-18										
29-May-18										
30-May-18										
01-May-18										
MAXIMUM OF THE MONTH	2384.00	2231.94	2364.94	2083.11	67.29	57.70	10723.00	9956.00	50.02	390.45
MIN OF THE MONTH	2013.93	1598.99	1904.55	1640.10	-15.35	-6.21	9102.00	7838.00	49.90	62.74
AVERAGE	2213.08	1989.98	2169.01	1904.12	25.24	23.03	10080.48	9043.96	49.95	167.78
MAX.CONSUMPTION TILL DATE DURING THE FY 2018-19 (L.U.)			2364.94				2364.94		22-May-18	
MAX.PEAK LOAD TILL DATE DURING THE FY 2018-19 (MW)			10723				10723	(9.30-09.45Hrs.)	<u>22-May-18</u>	
MAX.CONSUMPTION DURING THE FY 2017-18 (L.U.)			2222.22				2222.22		18-Aug-17	
MAX.PEAK LOAD DURING THE FY 2017-18 (MW)			11564				11564	(08.00-8.15Hrs.)	<u>13-Jan-18</u>	
MAX.WIND TILL DATE DURING THE YEAR 2018-19 (L.U.)			390.45				390.45		06-May-18	
MAX.WIND DURING THE YEAR 2017-18 (L.U.)			482.76				482.76		04-Jul-17	

2. Anticipated Availability/Generation From Different Sources

(In LU)

S.No.	Sources Available to Rajasthan / Installed Capacity as on 31.03.2018 (In MW)	Prior assessment of Avail. For next Day	Prior assessment of Avail.	Actual Energy Received
		23-May-18		
1	KTPS (1240/1240)	270.00	270.00	266.36
2	STPS (1500/1500)	327.00	327.00	316.56
3	DHOLPUR GAS CAPP (330/330)	0.00	0.00	1.26
4	RAMGARH (273.5/273.5)	41.00	41.00	38.27
5	RAPP-A(200/200)	43.00	43.00	40.05
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)	218.00	218.00	221.35
10	ADANI (TPS) + KALISINDH (TPS) (1200+1200/1320+1200)	282.00	282.00	252.35
11	WIND FARM (4137.20/4290.95)	88.00	122.43	67.56
12	SOLAR POWER(1656.70/2246.21)	81.33	68.86	78.71
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	37.64	46.04	47.82
16	BIOMASS – (101.95/119.25)	4.00	3.00	4.71
17	BARSINGHAR LTPS(250/250)	25.00	25.00	23.49
18	RAJWEST (1080/1080)	201.00	201.00	203.88
	TOTAL (A) : 1-18	1617.97	1647.33	1562.37
19	BBMB COMPLEX			
a)	BHAKRA(230.79/1516.3)	24.72	24.94	24.73
b)	DEHAR (198/ 990)	18.71	18.55	20.30
c)	PONG (231.66/396)	8.50	9.53	10.02
	TOTAL : a TO c	51.93	53.02	55.05
20	CENTRAL STATIONS			
d)	SINGRAULI (300/ 2000)	87.93	87.93	87.93
e)	RIHAND (310.24/3000)	85.06	103.21	94.98
f)	UNCHAHAAR-I(20/420)	7.60	6.97	14.08
g)	UNCHAHAAR-II& III & IV(135.09/1130)	26.69	25.86	32.18
h)	INDIRA GANDHI STPS(JHAJHAR) 0.00/1500)	0.00	0.00	0.00
i)	NCTPS DADRI St-II (43.22/980) + DADRI-TH	13.51	21.25	24.18
j)	DADRI GAS (77/830)	1.71	3.40	4.11
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)	8.77	9.69	9.69
n)	RAPP-B (125/440)	28.87	28.88	28.88
o)	RAPP-C (88/440)	18.63	18.63	18.63
p)	SALAL (20.36/690)	2.58	2.39	2.64
q)	URI (70.37/720)	16.16	16.16	16.17
r)	TANAKPUR (10.86/94)	0.96	0.96	1.06
s)	CHAMERA –I (105.84/540)	12.15	10.64	12.70
t)	CHAMERA-II (29.01/300)	6.19	5.33	5.89
u)	CHAMERA-III (25.21/231)	4.41	4.25	4.49
v)	DHAULIGANGA (27/280)	2.98	2.94	3.62
w)	DULHASTI (42.42/390)	9.78	9.78	9.78
x)	SEWA (13/120)	0.63	0.74	0.74
y)	NJPC (112.00/1500)+RAMPUR(31.808/412.02)	19.04	17.93	18.67
z)	TEHRI (75/1000)	2.52	2.78	2.78
aa)	KOTESHWAR (33.44/400) + PARBATI3 (56.73/520)	10.45	10.02	11.08
ab)	TALA	1.17	1.06	1.06
ac)	MUNDRA UMPP (380/4000)	68.28	68.28	67.75
ad)	SASAN (372/3960)	84.27	84.50	84.50
ae)	FRKKA+KHLGN+TLCHR (70.18/3940)	22.76	22.98	22.90
af)	URS POWER(DADRI TH-I)	0.00	0.00	0.00
	TOTAL SCHEDULE(a TO af)	595.05	619.57	635.55
	LOSSES	0.00	0.00	0.00
	NET SCHEDULED	595.05	619.57	635.55
21	BILATERAL (REG.) EXCL. BANKING	11.27	11.23	10.68
22	BANKING	0.00	0.00	0.00
23	BILATERAL(INTER-REG.). EXCLUDING (ISOA & BANKING)	102.23	93.30	102.23
24	INTER STATE OPEN ACCESS (BILATERAL+IEX)	-37.64	-46.04	-47.82
25	INDIAN ENERGY EXCHANGE	90.12	10.28	10.28
	TOTAL(B): (19 TO 25)	761.03	697.26	710.92
	TOTAL GENERATION (A +B) : 1 TO 25			2273.28
	OVER DRAWAL (+)/UNDER DRAWAL (-)			64.89
	GRAND TOTAL	2378.99	2344.60	2338.17
	LAST YEAR	1828.37	1829.87	1886.00

3. SYSTEM PARAMETERS AS ON 23-May-18

MAXIMUM DRAWL ON 23-May-18	10508 MW at 8.00-8.15 Hrs 50.03 HZ
MINIMUM DRAWL ON 23-May-18	8665 MW at 19.00-19.15 Hrs 49.83 HZ
Max U/D of the day	270 MW at 3.45-4.15Hrs 49.98 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	14
NO. OF VIOLATION (OD BLOCKS) IN WHICH FREQ. >= 49.7 & <49.9 Hz	14
No. of Blocks in which Freq. >= 49.9 & <50.00 Hz	68
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & <50.00 Hz	35
NO. OF BLOCKS(UD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & <50.00 Hz	1
No. of Blocks in which Freq. >= 50.00 & <50.05 Hz	10
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	0
No. of Blocks in which Freq. >= 50.05 & <50.10 Hz	4
NO. OF UD BLOCKS IN WHICH FREQ. >= 50.05 & <50.10 Hz	0
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.	24-May-18	24-May-17		
Gandhi Sagar (Ft.)	1312	1250	1269.90	1295.50	NIL	201
R.P.Sagar (Ft.)	1157.5	1128	1139.23	1136.69	NIL	NIL
Jawahar Sagar (Ft.)	980	970.4	976.20	974.80	NIL	NIL
Kota Barrage(Ft.)	854.5	852.3	850.40	851.51		
RMC					20	
LMC					NIL	
Bhakra(Ft.)	1690	1462	1497.18	1543.08	21070	16022
Dehar (Ft.)	2941	2900	2924.27	2921.65	5667	6081
Pong(Ft.)	1421	1260	1288.20	1294.95	4602	1408
Mahi-I (Mts.)	281.5	259	269.55	269.20	NIL	NIL
Mahi-II (Mts.)	220.5	217	217.50	218.40	NIL	NIL

5. POSITION OF COAL STOCK (In MT)

AVERAGE FREQ. FOR THE DAY	23-May-18	49.95 Hz	Date	Name of Station	Stock at 00.00 hrs. (MT)	Coal stock sufficient for No. of days
Max O/D of the day	699 MW at 9.45-10.15 Hrs 49.98 HZ		24-May-18	KTPS	50670	2.5 DAYS
Frequency Profile	% of Time			STPS	49583	2 DAYS
LESS THAN 49.7 HZ	0.00			CHHABRA	171141	23 DAYS
LESS THAN 49.90 HZ	21.90			KALISINDH	85827	6 DAYS
OPERATING RANGE (49.90 HZ TO 50.05 HZ)	72.90					
ABOVE 50.05 HZ	5.20					
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	136					
No. of 132 KV Feeders Disconnected	0					

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

24-May-18

(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	16.8	70	11-Jul-14	8.20			BED MATERIAL LEAKAGE (S/D W.E.F.15.07.14)
DCCPP	HRS02*	55.00	50	12.0	50	13-Jul-16	16.35			BOXED UP(PERMISSION GIVEN BY RU/NL ON DATE 17.08.17 BUT PROBLEM IN DCCPP END)
DCCPP	GT02*	110.00	100	24.0	100	13-Jul-16	16.40			BOXED UP(PERMISSION GIVEN BY RU/NL ON DATE 17.08.17 BUT PROBLEM IN DCCPP END)
Total(A) STATE SECTOR- PLANNED OUTAGE		290.00	220.00	52.80	220.00					
CENTRAL SECTOR										
DADRI GPS	4	130.19	22	5.3	22	18-Oct-17	6.00			RESERVE SHUTDOWN
DADRI GPS	6	154.00	22	5.3	22	25-Oct-17	22.22			RESERVE SHUTDOWN
DADRI GPS	3	130.00	22	5.3	22	25-Oct-17	22.30			RESERVE SHUTDOWN
AURAIYA GPS	1	111.19	18	4.4	18	28-Jan-18	5.51			RESERVE SHUTDOWN
ANTA GPS	3	88.71	31	7.5	31	09-Mar-18	4.54			RESERVE SHUTDOWN
ANTA GPS	1	88.71	31	7.5	31	09-Mar-18	5.31			RESERVE SHUTDOWN
RILAND	3	500.00	58	13.8	58	10-May-18	0.50			ANNUAL MAINTENANCE
AURAIYA GPS	4	111.00	18	4.4	18	16-May-18	23.33			RESERVE SHUTDOWN
AURAIYA GPS	3	111.19	18	4.4	18	16-May-18	23.51			RESERVE SHUTDOWN
Total(B) CENTRAL SECTOR- PLANNED OUTAGE		1424.99	240.00	57.90	240.00					

(B) FORCE OUTAGE

STATE SECTOR

STATE SECTOR											
NAME OF STATION	UNIT OUT	INSTALLED CAPACITY	NET ALLOC/ AVAIL. (MW)			DATE	TIME				REASON OF OUTAGE
GIRAL	2	125.00	70	16.8	70	27-Jan-16	15.27				DESYNCHRONIZED DUE TO ATTEND TUBE LEAKAGE IN ASH COOLAR-4
KALISINDH	2	600.00	475	135.6	475	07-Apr-18	17.31				DUE TO GENERATOR TRF TRIP
BARSINGSAR	2	125.00	110	26.4	110	16-Apr-18	0.47				REFRACTORY BREAKAGES/ANNUAL MAINTENANCE WORK S/D WILL BE EXTENDED UPTO 19.05.18
ADANI	2	660.00	600	144.0	600	29-Apr-18	7.33				DUE TO CONDENSER TUBE LEAKAGE
RAJWEST	7	135.00	120	28.7	120	09-May-18	23.40				REFRACTORY DAMAGE
DCCPP	HRS01	55.00	50	12.0	50	19-May-18	16.57				NON AVAILABILITY OF GAS
DCCPP	GT01	110.00	100	0.0	0	19-May-18	17.19	23-May-18	19.43		NON AVAILABILITY OF GAS
Total(B) STATE SECTOR-FORCED OUTAGE		1810.00	1524.50	363.47	1424.50						

CENTRAL SECTOR

CENTRAL SECTOR											
NAME OF STATION	UNIT OUT	INSTALLED CAPACITY	NET ALLOC/ AVAIL. (MW)			DATE	TIME				REASON OF OUTAGE
UNCHAHAR	6	500.00	NA	NA	NA	01-Nov-17	15.40				FURNISH PRESSURE HIGH
ISTPP(JHAJAR)	2	500.00	5	1.2	5	05-Apr-18	0.17				AMP/OVERHAULING
AURAIYA GPS	5	111.00	18	4.4	18	06-May-18	3.23				DRUM VIVRATION
ANTA GPS	4	153.20	34	8.2	34	19-May-18	6.51				Fuel Shortage due to unavailability of naphtha fuel and no allocation of RLNG or cheap gas.
ANTA GPS	2	88.71	31	7.5	31	19-May-18	7.29				Fuel Shortage due to unavailability of naphtha fuel and no allocation of RLNG or cheap gas.
Total(B) CENTRAL SECTOR-FORCED OUTAGE		1352.91	88.00	21.30	88.00						
G.TOTAL			384.77	1512.50							

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 (\$).