



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- 2019

Date	Anticipated Availability (In LU)		Consumption (In LU)		OD(+)/UD(-) (In LU)		Peak Load (In MW)		Average freq. (In Hz)	WIND (In LU)
	2019	2018	2019	2018	2019	2018	2019	2018	2019	2019
01-May-19	2587.01	2221.10	2333.40	2073.14	15.77	25.25	10532	9787	50.04	133.34
02-May-19	2578.13	2201.11	2296.45	2033.88	1.92	40.17	10735	9769	50.02	117.14
03-May-19	2514.71	2116.88	2262.99	1944.40	0.24	22.24	10543	9102	50.01	155.92
04-May-19	2461.47	2013.93	2211.06	2065.22	-10.55	46.27	10073	9513	49.99	180.40
05-May-19	2438.96	2135.51	2238.16	2132.98	-11.95	17.22	10238	9847	50.00	138.50
06-May-19	2567.07	2105.24	2230.25	2091.51	-12.28	-15.35	10239	9830	49.98	416.57
07-May-19	2542.97	2279.26	2306.47	2069.07	-13.73	9.10	10596	9791	49.98	440.84
08-May-19	2390.75	2102.96	2393.16	1904.55	-12.40	16.20	10747	9152	49.96	487.20
09-May-19	2600.98	2104.03	2461.88	2081.56	-2.62	38.48	10828	9916	49.95	440.60
10-May-19	2550.52	2017.42	2442.48	2114.70	2.08	67.29	10903	9842	50.00	306.54
11-May-19	2616.92	2147.62	2268.69	2266.35	-15.31	60.97	10490	10538	50.01	320.16
12-May-19	2439.10	2196.50	2051.85	2263.89	-2.59	10.26	9755	10453	50.00	202.27
13-May-19	2475.29	2284.00	2154.66	2182.11	-10.22	31.49	10215	10356	50.00	230.20
14-May-19	2384.00	2289.11	2127.13	2237.68	-0.14	55.96	10347	10666	49.99	361.07
15-May-19	2370.82	2249.49	2207.36	2217.49	-19.40	21.98	10567	10263	49.98	230.53
16-May-19	2408.74	2294.54	2120.00	2208.33	-14.76	18.20	10266	10165	50.00	179.81
17-May-19	2451.74	2252.09	1921.10	2260.98	-24.13	19.36	9640	10514	50.00	92.85
18-May-19	2410.41	2261.07	1948.69	2265.41	-7.40	6.64	9402	10359	49.99	76.90
19-May-19	2433.60	2199.14	2092.94	2257.53	-19.09	14.41	9684	10296	49.99	143.65
20-May-19	2332.62	2202.59	2269.20	2217.13	9.29	-11.50	10437	9965	49.93	100.09
21-May-19	2264.47	2330.45	2307.95	2296.20	29.81	9.89	10801	10496	49.96	77.71
22-May-19	2406.63	2384.00	2335.91	2364.94	17.62	11.21	10813	10723	50.00	141.43
23-May-19	2402.55	2344.60	2380.65	2338.18	-4.64	64.89	11293	10508	50.00	206.95
24-May-19	2607.77	2378.99								
25-May-19										
26-May-19										
27-May-19										
28-May-19										
29-May-19										
30-May-19										
31-May-19										
MAXIMUM OF THE MONTH	2616.92	2384.00	2461.88	2364.94	29.81	67.29	11293.00	10723.00	50.04	487.20
MIN OF THE MONTH	2264.47	2013.93	1921.10	1904.55	-24.13	-15.35	9402.00	9102.00	49.93	76.90
AVERAGE	2468.22	2212.98	2233.15	2169.01	-4.54	25.24	10397.57	10080.48	49.99	225.25
MAX.CONSUMPTION TILL DATE DURING THE FY 2019-20 (L.U.)							2461.88	09-May-19		
MAX.PEAK LOAD TILL DATE DURING THE FY 2019-20 (MW)							11293	(10.45-11.00 Hrs.)	23-May-19	
MAX.CONSUMPTION DURING THE FY 2018-19 (L.U.)							2549.75	05-Jun-18		
MAX.PEAK LOAD DURING THE FY 2018-19 (MW)							13276	(09.30-09.45Hrs.)	28-Dec-18	
MAX.WIND TILL DATE DURING THE YEAR 2019-20 (L.U.)							487.20	08-May-19		
MAX.WIND DURING THE YEAR 2018-19 (L.U.)							565.54	13-Jun-18		

2. Anticipated Availability/Generation From Different Sources

(In LU)

S.No.	Sources Available to Rajasthan / Installed Capacity as on 31.08.2018 (In MW)	Prior assessment of Avail. For next Day	Prior assessment of Avail.	Actual Energy Received
		23-May-19		
1	KTPS (1240/1240)	251.00	212.00	200.92
2	STPS (1500/1500)	273.00	218.00	222.34
3	DHOLPUR GAS CCPP (330/330)	0.00	0.00	0.00
4	RAMGARH (273.5/273.5)	22.00	22.00	20.56
5	RAPP-A(200/200)	0.00	0.00	0.00
6	MAHI (140/140)	0.00	0.00	0.00
7	CHAMBAL (RPS+JS) (135.5/271)	0.00	0.00	0.00
8	SSCTPS#7	0.00	0.00	0.00
9	CHHABRA TPS (1000/1000)+CSCTPP (660/660)	417.00	286.00	305.52
10	ADANI (TPS) + KALISINDH (TPS) (1200+1200/1320+1200)	382.00	265.00	245.20
11	WIND FARM (4139.20/4292.95)	88.00	162.00	206.95
12	SOLAR POWER(1661.70/2250.16)	168.65	158.99	178.23
13	CAPTIVE POWER PLANTS	0.00	0.00	0.00
14	REGIONAL (INTRA STATE) O.A.(VLTPS)	0.00	0.00	25.43
15	OPEN ACCESS	0.00	0.00	0.00
16	BIOMASS – (101.95/119.25)	7.00	8.00	7.20
17	BARSINGHAR LTPS(250/250)	0.00	19.00	4.64
18	RAJWEST (1080/1080)	201.00	201.00	187.20
	TOTAL (A) : 1-18	1809.65	1551.99	1604.19
19	BBMB COMPLEX			
a)	BHAKRA(230.79/1516.3)	32.53	38.67	38.01
b)	DEHAR (198/ 990)	25.36	24.72	25.07
c)	PONG (231.66/396)	22.07	22.49	23.50
	TOTAL : a TO c	79.95	85.89	86.57
20	CENTRAL STATIONS			
d)	SINGRAULI (300/ 2000)+SINGRAULI SHEP (1.87/8.00)	84.82	86.36	83.52
e)	RIHAND (310.24/3000)	123.44	120.75	120.94
f)	UNCHAHAHAR-I(20/420)	4.18	6.71	5.75
g)	UNCHAHAHAR-II& III & IV(135.09/1130)	33.94	50.63	35.86
h)	INDIRA GANDHI STPS(JHAJHAR) 0.00/1500)	0.00	0.00	0.00
i)	NCTPS DADRI St-II (43.22/980) + DADRI-TH	13.24	19.02	22.29
j)	DADRI GAS (77/830)	2.09	2.60	1.90
k)	ANTA (83.07/419)	3.10	3.76	2.60
l)	AURAIYA (61.03/663)	0.00	0.00	0.00
m)	NAPP (44/440)	8.18	8.87	8.87
n)	RAPP-B (125/440)	28.22	28.22	28.22
o)	RAPP-C (88/440)	19.37	19.37	19.37
p)	SALAL (20.36/690)	4.77	4.77	4.60
q)	URI (70.37/720)	16.39	16.39	16.39
r)	TANAKPUR (10.86/94)	1.60	1.67	1.70
s)	CHAMERA –I (105.84/540)	19.71	18.57	18.07
t)	CHAMERA-II (29.01/300)	6.10	6.59	6.64
u)	CHAMERA-III (25.21/231)	1.34	5.59	5.53
v)	DHAULIGANGA (27/280)	3.95	3.99	4.44
w)	DULHASTI (42.42/390)	6.50	6.50	6.50
x)	SEWA (13/120)	2.99	2.99	2.99
y)	NJPC (112.00/1500)+RAMPUR(31.808/412.02)	29.46	27.59	31.34
z)	TEHRI (75/1000)	4.55	4.99	4.19
aa)	KOTESHWAR (33.44/400) + PARBATI3 (56.73/520)+KOLDAM (85.73/800)	16.54	16.09	16.71
ab)	TALA	0.83	0.78	0.78
ac)	MUNDRA UMPP (380/4000)	74.97	76.17	71.40
ad)	SASAN (372/3960)	84.48	84.48	84.48
ae)	FRKKA+KHLGN+TLCHR (70.18/3940)	24.14	19.84	18.22
af)	URS POWER(DADRI TH-I)	0.00	0.00	0.00
	TOTAL SCHEDULED(a TO af)	698.88	729.19	709.87
	LOSSES	0.00	0.00	0.00
	NET SCHEDULED	698.88	729.19	709.87
21	BILATERAL (REG.) EXCL. BANKING	18.98	18.15	19.28
22	BANKING	-12.04	-12.04	-12.04
23	BILATERAL(INTER-REG.). EXCLUDING (ISOA & BANKING)	122.91	82.08	86.44
24	INTER STATE OPEN ACCESS (BILATERAL+IEX)	0.00	0.00	-50.79
25	INDIAN ENERGY EXCHANGE	-30.61	28.34	28.34
	TOTAL(B): (19 TO 25)	798.12	850.56	781.10
	TOTAL GENERATION (A +B) : 1 TO 25			2385.30
	OVER DRAWAL (+)/UNDER DRAWAL (-)			-4.64
	GRAND TOTAL	2607.77	2402.55	2380.65
	LAST YEAR	2378.99	2344.60	2338.18

3. SYSTEM PARAMETERS AS ON 23-May-19

MAXIMUM DRAWL ON 23-May-19	11293 MW at 10.45 - 11.00HRS 49.98 HZ
MINIMUM DRAWL ON 23-May-19	8133 MW at 18.45-19.00 Hrs 50.03 HZ
Max U/D of the day	941 MW at 18.00-18.15 HRS 50.21 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	3
NO. OF VIOLATION (OD BLOCKS) IN WHICH FREQ. >= 49.7 & <49.9 Hz	2
No. of Blocks in which Freq. >= 49.9 & <50.0 Hz	32
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & <50.0 Hz	10
NO. OF BLOCKS(UD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & <50.0 Hz	3
No. of Blocks in which Freq. >= 50.00 & <50.05 Hz	47
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	13
No. of Blocks in which Freq. >= 50.05 & <50.10 Hz	10
NO. OF UD BLOCKS IN WHICH FREQ. >= 50.05 & <50.10 Hz	8
No. of Blocks in which Freq. >= 50.10	4
NO. OF VIOLATION(UD BLOCKS)IN WHICH FREQ. >= 50.10	4
AVERAGE FREQ. FOR THE DAY 23-May-19	50.00 Hz
Max O/D of the day	899 MW at 00.00-00.15 Hrs 49.87 HZ
Frequency Profile	% of Time
LESS THAN 49.7 HZ	0.00
LESS THAN 49.90 HZ	5.80
OPERATING RANGE (49.90 HZ TO 50.05 HZ)	74.90
ABOVE 50.05 HZ	19.30
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	55
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.	24-May-19	24-May-18		
Gandhi Sagar (Fl.)	1312	1250	NA	1269.90	NA	NA
R.P.Sagar (Fl.)	1157.5	1128	1135.69	1139.23	NIL	NIL
Jawahar Sagar (Fl.)	980	970.4	975.20	976.20	NIL	NIL
Kota Barrage(Fl.)	854.5	852.3	851.00	850.40		
RMC					15	
LMC					NIL	
Bhakra(Fl.)	1690	1462	1664.68	1497.18	27625	23446
Dehar (Fl.)	2941	2900	2924.14	2924.27	7443	7706
Pong(Fl.)	1421	1260	1337.72	1288.20	10041	5011
Mahi-I (Mts.)	281.5	259	268.00	269.55	NIL	NIL
Mahi-II (Mts.)	220.5	217	216.60	217.50	NIL	NIL

5. POSITION OF COAL STOCK (In MT)

AVERAGE FREQ. FOR THE DAY 23-May-19	50.00 Hz	Date	Name of Station	Stock at 00.00 hrs. (MT)	Coal stock sufficient for No. of days
Max O/D of the day	899 MW at 00.00-00.15 Hrs 49.87 HZ	24-May-19	KTPS	118367	6 DAYS
Frequency Profile	% of Time				
LESS THAN 49.7 HZ	0.00		STPS	386685	17 DAYS
LESS THAN 49.90 HZ	5.80				
OPERATING RANGE (49.90 HZ TO 50.05 HZ)	74.90		CHHABRA	216249	16.5 DAYS
ABOVE 50.05 HZ	19.30				
No. of 220 KV GSS advised to switch off 33 KV Urban Feeders	0		KALISINDH	269526	16.5 DAYS
No. of 220 KV GSS advised to switch off 33 KV Rural Feeders	55				
No. of 132 KV Feeders Disconnected	0				

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

24-May-19

(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	60	14.40	60	11-Jul-14	8.20			BED MATERIAL LEAKAGE (S/D W.E.F.15.07.14)	
DCCPP	HRSG#2	55.00	50	12.00	50	08-Oct-18	12.08			BOXED UP	
DCCPP	HRSG#1	55.00	50	12.00	50	08-Oct-18	12.08			BOXED UP	
DCCPP	GT#2	110.00	100	24.00	100	08-Oct-18	12.28			BOXED UP	
DCCPP	GT#1	110.00	100	24.00	100	08-Oct-18	12.29			BOXED UP	
STPS	2	250.00	229	55.00	229	01-May-19	13.09			BOXED UP	
CTPP	4	250.00	225	54.00	225	08-May-19	0.07			ANNUAL SHUTDOWN FOR 15 DAY	
Total A-ISTATE SECTOR-PLANNED OUTAGE		955.00	814.00	195.40	814.00						
CENTRAL SECTOR											
AURAIYA GPS	6	109.30	12	2.90	12	30-Nov-18	5.47			RESERVE SHUTDOWN-NON AVAILABILITY OF GAS	
AURAIYA GPS	2	111.19	18	4.40	18	12-Jan-19	9.53			RESERVE SHUTDOWN	
AURAIYA GPS	4	111.19	18	4.40	18	05-Jan-19	10.42			RESERVE SHUTDOWN	
AURAIYA GPS	5	109.30	12	2.90	12	08-Jan-19	5.54			RESERVE SHUTDOWN	
AURAIYA GPS	1	111.19	18	4.40	18	11-Jan-19	10.06			RESERVE SHUTDOWN	
AURAIYA GPS	3	111.19	18	4.40	18	11-Feb-19	20.45			RESERVE SHUTDOWN	
DADRIPS	2	130.19	22	5.30	22	08-Mar-19	18.20			RESERVE SHUTDOWN	
SINGRAULI	1	200.00	34	8.20	34	02-Apr-19	22.31			ANNUAL OVER HAULING	
DADRIPS	2	210.00	NA	NA	NA	10-May-19	23.48			RESERVE SHUTDOWN	
Anta GPS	3	88.71	31	7.50	31	21-May-19	9.24			RESERVE SHUTDOWN	
Dadr GPS	1	130.19	22	5.30	22	21-May-19	9.19			RESERVE SHUTDOWN	
Total B-CENTRAL SECTOR-PLANNED OUTAGE		993.55	152.00	36.90	152.00						

(B) FORCED OUTAGE

STATE SECTOR

STATE SECTOR

NAME OF STATION	UNIT OUT	INSTALLED CAPACITY	NET ALLOC./AVAIL. (MW)				OUTAGE		EXPECT./REVIVAL		REASON OF OUTAGE
GIRAL	2	125.00	70	16.80	70	27-Jan-16	15.27			DESYNCHRONIZED DUE TO ATTEND TUBE LEAKAGE IN ASH COOLAR-I	
RAMGARH	GT3	110.00	100	24.00	100	07-Dec-18	20.45			INSUFFICIENT AVAILABILITY OF GAS	
RAMGARH	STG#2	50.00	40	9.60	40	05-Oct-18	10.58			NON AVAILABILITY OF SUFFICIENT GAS	
KALISINDH	2	600.00	565	135.60	565	04-Apr-19	14.01			ELECTRICAL FAULT	
BTPS	2	125.00	110	26.40	110	12-Apr-19	0.17			M/T DUE Major Overhaul.	
STPS	1	250.00	229	55.00	229	15-Apr-19	1.03			GENERATOR EARTH FAULT	
RAJWEST	6	135.00	120	28.68	120	11-May-19	10.30			BED MATERIAL LEAKAGE	
KALISINDH	1	600.00	565	0.00	0	20-May-19	0.35	23-May-19	0.39	DUE TO BTL	
KTPS	5	210.00	192	3.35	0	20-May-19	23.30	24-May-19	1.45	DUE TO BTL	
ADANI	2	660.00	600	29.50	0	21-May-19	1.31	24-May-19	4.55	due to APH-2A abnormal sound.	
CSCTPP(CHHABRA)	5	660.00	600	0.00	0	22-May-19	20.57	23-May-19	1.13	GENERATOR DIFF. PROT.	
CSCTPP(CHHABRA)	6	660.00	600	0.00	0	22-May-19	20.57	23-May-19	0.18	GENERATOR DIFF. PROT.	
BTPS	1	125.00	110	26.40	110	23-May-19	7.46			M/T DUE TO C-PORT RIGHT SIDE PUNCTURE	
Total B-ISTATE SECTOR-FORCED OUTAGE		4310.00	3901.00	355.33	1344.00						
CENTRAL SECTOR											
RAPP(A)	2	200.00	150	36.00	150	19-May-19	23.40			DUE REACTOR TRIP ON BOILER LEVEL HIGH	
Total B-ICENTRAL SECTOR-FORCED OUTAGE		200.00	150.00	36.00	150.00						
G.TOTAL			391.33	1494.00							

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 (\$).