



RAJASTHAN RAJYA VIDYUT PRASARAN NIGAM LTD
LOAD DESPATCH CENTER ,HEERAPURA JAIPUR.

Power Position 30-May-19	Point No.
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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	2340.31	2362.35	19.78	60.56	10698	10667	50.01	165.24
25-May-19	2409.67	2265.55	2388.15	2350.65	22.97	49.81	10884	10898	50.01	67.25
26-May-19	2634.25	2191.33	2363.22	2347.47	19.44	32.43	10960	10582	50.02	90.81
27-May-19	2726.18	2337.24	2481.48	2346.35	-14.52	44.61	11163	10766	49.97	117.07
28-May-19	2633.95	2279.11	2538.96	2346.51	12.23	68.16	11424	11033	49.99	115.96
29-May-19	2659.20	2357.25	2557.05	2427.14	-6.24	43.14	11711	11258	50.00	151.60
30-May-19	2658.36	2316.58								
31-May-19										
MAXIMUM OF THE MONTH	2726.18	2384.00	2557.05	2427.14	29.81	68.16	11711.00	11258.00	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	67.25
AVERAGE	2498.63	2228.62	2276.95	2209.23	-1.75	30.32	10551.17	10243.28	49.99	203.06
MAX.CONSUMPTION TILL DATE DURING THE FY 2019-20 (L.U.)							2557.05	29-May-19		
MAX.PEAK LOAD TILL DATE DURING THE FY 2019-20 (MW)							11711	(11.45-12.00 Hrs.)	29-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
		29-May-19		
1	KTPS (1240/1240)	258.00	258.00	236.74
2	STPS (1500/1500)	328.00	328.00	294.61
3	DHOLPUR GAS CCPP (330/330)	0.00	0.00	0.00
4	RAMGARH (273.5/273.5)	21.00	21.00	20.20
5	RAPP-A(200/200)	30.00	36.00	38.14
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)	302.00	301.00	306.56
10	ADANI (TPS) + KALISINDH (TPS) (1200+1200/1320+1200)	422.00	422.00	402.74
11	WIND FARM (4139.20/4292.95)	136.00	103.00	151.60
12	SOLAR POWER(1661.70/2250.16)	168.07	183.00	171.46
13	CAPTIVE POWER PLANTS	0.00	0.00	0.00
14	REGIONAL (INTRA STATE) O.A.(VLTPS)	0.00	0.00	25.40
15	OPEN ACCESS	0.00	0.00	0.00
16	BIOMASS – (101.95/119.25)	3.00	6.00	3.21
17	BARSINGHSAR LTPS(250/250)	26.00	16.00	26.85
18	RAJWEST (1080/1080)	201.00	201.00	199.26
	TOTAL (A) : 1-18	1895.07	1875.00	1876.77
19	BBMB COMPLEX			
a)	BHAKRA(230.79/1516.3)	34.47	32.25	32.87
b)	DEHAR (198/ 990)	26.02	24.58	23.33
c)	PONG (231.66/396)	22.81	22.90	22.90
	TOTAL : a TO c	83.30	79.73	79.10
20	CENTRAL STATIONS			
d)	SINGRAULI (300/ 2000)+SINGRAULI SHEP (1.87/8.00)	93.33	88.04	91.42
e)	RIHAND (310.24/3000)	116.36	103.40	103.40
f)	UNCHAHAHAR-I(20/420)	4.90	4.39	2.24
g)	UNCHAHAHAR-II& III & IV(135.09/1130)	39.81	40.94	19.27
h)	INDIRA GANDHI STPS(JHAJHAR) 0.00/1500)	0.00	0.00	0.00
i)	NCTPS DADRI St-II (43.22/980) + DADRI-TH	13.38	14.73	4.37
j)	DADRI GAS (77/830)	2.30	2.60	1.38
k)	ANTA (83.07/419)	0.00	0.13	0.00
l)	AURAIYA (61.03/663)	1.49	2.04	0.99
m)	NAPP (44/440)	8.85	8.83	8.83
n)	RAPP-B (125/440)	28.08	28.08	28.08
o)	RAPP-C (88/440)	18.92	18.92	18.92
p)	SALAL (20.36/690)	4.81	4.55	4.15
q)	URI (70.37/720)	11.75	11.42	11.42
r)	TANAKPUR (10.86/94)	1.46	1.57	1.61
s)	CHAMERA –I (105.84/540)	17.59	18.54	19.47
t)	CHAMERA-II (29.01/300)	6.64	6.63	5.89
u)	CHAMERA-III (25.21/231)	2.10	5.77	3.49
v)	DHAULIGANGA (27/280)	4.90	4.58	4.72
w)	DULHASTI (42.42/390)	6.48	6.48	6.48
x)	SEWA (13/120)	2.98	2.98	2.98
y)	NJPC (112.00/1500)+RAMPUR(31.808/412.02)	24.22	23.21	23.21
z)	TEHRI (75/1000)	3.83	3.82	3.82
aa)	KOTESHWR (33.44/400) + PARBATI3 (56.73/520)+KOLDAM (85.73/800)	12.52	12.37	12.46
ab)	TALA	0.77	0.70	0.73
ac)	MUNDRA UMPP (380/4000)	82.94	76.08	75.72
ad)	SASAN (372/3960)	84.26	83.90	83.90
ae)	FRKKA+KHLGN+TLCHR (70.18/3940)	22.64	22.44	21.66
af)	URS POWER(DADRI TH-I)	0.00	0.00	0.00
	TOTAL SCHEDULE(a TO af)	700.63	676.86	639.71
	LOSSES	0.00	0.00	0.00
	NET SCHEDULED	700.63	676.86	639.71
21	BILATERAL (REG.) EXCL. BANKING	20.82	18.06	17.67
22	BANKING	-12.05	-12.05	-12.05
23	BILATERAL(INTER-REG.). EXCLUDING (ISOA & BANKING)	96.45	119.52	109.67
24	INTER STATE OPEN ACCESS (BILATERAL+IEX)	0.00	0.00	-45.43
25	INDIAN ENERGY EXCHANGE	-42.56	-23.04	-23.04
	TOTAL(B): (19 TO 25)	763.30	784.20	686.52
	TOTAL GENERATION (A +B) : 1 TO 25			2563.30
	OVER DRAWAL (+)/UNDER DRAWAL (-)			-6.24
	GRAND TOTAL	2658.36	2659.20	2557.05
	LAST YEAR	2316.58	2357.25	2427.13

3. SYSTEM PARAMETERS AS ON 29-May-19

MAXIMUM DRAWL ON 29-May-19	11711 MW at 11.45-12.00 HRS 50.00 HZ
MINIMUM DRAWL ON 29-May-19	9110 MW at 18.30-18.45 Hrs 49.99 HZ
Max U/D of the day	956 MW at 20.00 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	3
NO. OF VIOLATION (OD BLOCKS) IN WHICH FREQ. >= 49.7 & <49.9 Hz	1
No. of Blocks in which Freq. >= 49.9 & <50.00 Hz	31
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & <50.00 Hz	7
NO. OF BLOCKS(UD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & <50.00 Hz	4
No. of Blocks in which Freq. >= 50.00 & <50.05 Hz	50
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	10
No. of Blocks in which Freq. >= 50.05 & <50.10 Hz	11
NO. OF UD BLOCKS IN WHICH FREQ. >= 50.05 & <50.10 Hz	5
No. of Blocks in which Freq. >= 50.10	1
NO. OF VIOLATION(UD BLOCKS) IN WHICH FREQ. >= 50.10	0
AVERAGE FREQ. FOR THE DAY 29-May-19	50.00 Hz
Max O/D of the day	576 MW at 08.30 Hrs 49.97 HZ
Frequency Profile	% of Time
LESS THAN 49.7 HZ	0.00
LESS THAN 49.90 HZ	3.40
OPERATING RANGE (49.90 HZ TO 50.05 HZ)	77.20
ABOVE 50.05 HZ	19.40
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	7
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-May-19	30-May-18	29-May-19	29-May-19
Gandhi Sagar (Ft.)	1312	1250	1249.86	1269.78	NIL	NIL
R.P.Sagar (Ft.)	1157.5	1128	1135.42	1139.04	NIL	NIL
Jawahar Sagar (Ft.)	980	970.4	974.30	975.00	NIL	NIL
Kota Barrage(Ft.)	854.5	852.3	851.90	851.20		
RMC					15	
LMC					NIL	
Bhakra(Ft.)	1690	1462	1613.15	1492.70	24050	8061
Dehar (Ft.)	2941	2900	2925.59	2719.75	6671	7397
Pong(Ft.)	1421	1260	1336.01	1286.58	10004	3507
Mahi-I (Mts.)	281.5	259	267.95	269.50	NIL	NIL
Mahi-II (Mts.)	220.5	217	216.50	217.40	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-May-19	KTPS	74542	3.5 Days
30-May-19	STPS	315466	14 Days
30-May-19	CHHABRA	214023	16 Days
30-May-19	KALISINDH	271522	16.5 Days

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

30-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 (SD 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
CTPP	4	250.00	225	0.00	0	08-May-19	0.07	29-May-19	19.12	ANNUAL SHUTDOWN FOR 25 DAY
BTSP	1	125.00	110	26.40	110	23-May-19	7.46			ANNUAL SHUTDOWN FOR 30 DAY
CSCPP	5	660.00	600	144.00	600	27-May-19	0.10			ANNUAL SHUTDOWN FOR 30 DAY
Total(A)-STATE SECTOR-PLANNED OUTAGE			1490.00	1295.00	256.80	1070.00				
CENTRAL SECTOR										
AURAIYA GPS	6	109.30	12	0.00	0	30-Nov-18	5.47	28-May-18	20.52	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	0.00	0	05-Jan-19	10.42	28-May-18	20.58	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	0.00	0	11-Feb-19	20.45	28-May-18	17.08	RESERVE SHUTDOWN
ANTA GPS	3	88.71	31	7.50	31	21-May-19	9.24			RESERVE SHUTDOWN
ANTA GPS	2	88.71	31	7.50	31	29-May-19	6.34			RESERVE SHUTDOWN
ANTA GPS	4	153.20	34	8.20	34	29-May-19	7.08			RESERVE SHUTDOWN
Total(A)-CENTRAL SECTOR-PLANNED OUTAGE			993.98	192.00	34.90	144.00				
(B) FORCED OUTAGE										
STATE SECTOR										
STATE SECTOR										
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
RAJWEST	6	135.00	120	28.68	120	11-May-19	10.30			BED MATERIAL LEAKAGE
CTPP	4	250.00	225	52.31	225	30-May-19	0.45			due to heavy leakage observed in drum water sampling line
Total(B)-STATE SECTOR-FORCED OUTAGE			1270.00	1120.00	266.99	1120.00				
CENTRAL SECTOR										
RIHAND	4	500.00	59	14.20	59	27-May-19	14.40			BOILER TUBE LEAKAGE
Total(B)-CENTRAL SECTOR-FORCED OUTAGE			500.00	59.00	14.20	59.00				
G.TOTAL			281.19	1179.00						

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 (S).