



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

Power Position 22-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		
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								
23-May-19										
24-May-19										
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	2296.20	29.81	67.29	10903.00	10666.00	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	2464.86	2199.46	2221.23	2151.62	-5.59	24.03	10335.14	10029.52	49.99	230.11
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)							10903	(07.15-07.30 Hrs.)	10-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
		21-May-19		
1	KTPS (1240/1240)	212.00	212.00	212.25
2	STPS (1500/1500)	220.00	220.00	211.36
3	DHOLPUR GAS CAPP (330/330)	0.00	0.00	0.00
4	RAMGARH (273.5/273.5)	22.00	22.00	20.23
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)	423.00	423.00	416.06
10	ADANI (TPS) + KALISINDH (TPS) (1200+1200/1320+1200)	148.00	153.00	154.20
11	WIND FARM (4139.20/4292.95)	104.00	62.00	77.71
12	SOLAR POWER(1661.70/2250.16)	177.24	167.41	158.99
13	CAPTIVE POWER PLANTS	0.00	0.00	0.00
14	REGIONAL (INTRA STATE) O.A.(VLTPS)	0.00	0.00	25.41
15	OPEN ACCESS	0.00	0.00	0.00
16	BIOMASS – (101.95/119.25)	9.00	7.00	8.97
17	BARSINGHAR LTPS(250/250)	19.00	19.00	17.85
18	RAJWEST (1080/1080)	201.00	201.00	199.45
	TOTAL (A) : 1-18	1535.24	1486.41	1502.48
19	BBMB COMPLEX			
	a) BHAKRA(230.79/1516.3)	40.14	40.31	40.49
	b) DEHAR (198/990)	23.29	23.33	23.87
	c) PONG (231.66/396)	24.27	24.27	24.27
	TOTAL : a TO c	87.71	87.92	88.63
20	CENTRAL STATIONS			
	d) SINGRAULI (300/ 2000)+SINGRAULI SHEP (1.87/8.00)	86.36	86.36	85.31
	e) RIHAND (310.24/3000)	120.55	123.87	121.93
	f) UNCHAHAR-I(20/420)	6.24	6.74	20.70
	g) UNCHAHAR-II& III & IV(135.09/1130)	49.39	50.97	63.43
	h) INDIRA GANDHI STPS(JHAJHAR) 0.00/1500)	0.00	0.00	0.00
	i) NCTPS DADRI St-II (43.22/980) + DADRI-TH	16.92	18.64	24.09
	j) DADRI GAS (77/830)	3.67	2.98	14.22
	k) ANTA (83.07/419)	7.66	3.83	7.03
	l) AURAIYA (61.03/663)	0.00	0.00	0.00
	m) NAPP (44/440)	8.43	8.43	8.43
	n) RAPP-B (125/440)	28.39	28.63	28.63
	o) RAPP-C (88/440)	19.37	19.37	19.37
	p) SALAL (20.36/690)	4.77	4.75	4.55
	q) URI (70.37/720)	16.37	16.39	16.39
	r) TANAKPUR (10.86/94)	1.52	1.45	1.51
	s) CHAMERA –I (105.84/540)	17.44	17.82	17.82
	t) CHAMERA-II (29.01/300)	6.22	6.36	6.26
	u) CHAMERA-III (25.21/231)	4.41	4.59	4.94
	v) DHAULIGANGA (27/280)	4.31	3.36	4.11
	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)	27.59	27.42	26.60
	z) TEHRI (75/1000)	4.97	5.68	5.85
	aa) KOTESHWAR (33.44/400) + PARBATI3 (56.73/520)+KOLDAM (85.73/800)	14.78	15.81	15.97
	ab) TALA	0.85	0.96	0.95
	ac) MUNDRA UMPP (380/4000)	76.17	76.17	75.67
	ad) SASAN (372/3960)	84.38	84.71	84.71
	ae) FRKKA+KHLGN+TLCHR (70.18/3940)	22.74	18.33	19.58
	af) URS POWER(DADRI TH-I)	0.00	0.00	0.00
	TOTAL SCHEDULE(a TO af)	730.68	731.01	776.16
	LOSSES	0.00	0.00	0.00
	NET SCHEDULED	730.68	731.01	776.16
21	BILATERAL (REG.) EXCL. BANKING	17.32	17.80	17.30
22	BANKING	-12.04	-12.04	-12.04
23	BILATERAL(INTER-REG.), EXCLUDING (ISOA & BANKING)	82.16	44.07	50.61
24	INTER STATE OPEN ACCESS (BILATERAL+IEX)	0.00	0.00	-48.73
25	INDIAN ENERGY EXCHANGE	53.26	-7.63	-7.63
	TOTAL(B): (19 TO 25)	871.39	778.07	775.68
	TOTAL GENERATION (A +B) : 1 TO 25			2278.15
	OVER DRAWAL (+)/UNDER DRAWAL (-)			29.81
	GRAND TOTAL	2406.63	2264.47	2307.96
	LAST YEAR	2384.00	2330.45	2296.20

3. SYSTEM PARAMETERS AS ON 21-May-19

MAXIMUM DRAWL ON 21-May-19	10801 MW at 09.45-10.00HRS 49.95 HZ
MINIMUM DRAWL ON 21-May-19	8121 MW at 18.45-19.00 Hrs 50.00 HZ
Max U/D of the day	367 MW at 17.30-17.45 HRS 50.07 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	21
NO. OF VIOLATION (OD BLOCKS) IN WHICH FREQ. >= 49.7 & <49.9 Hz	17
No. of Blocks in which Freq. >= 49.9 & <50.0 Hz	37
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & <50.0 Hz	5
NO. OF BLOCKS(UD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & <50.0 Hz	1
No. of Blocks in which Freq. >= 50.00 & <50.05 Hz	29
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	1
No. of Blocks in which Freq. >= 50.05 & <50.10 Hz	9
NO. OF UD BLOCKS IN WHICH FREQ. >= 50.05 & <50.10 Hz	5
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.	22-May-19	22-May-18		
Gandhi Sagar (Ft.)	1312	1250	1250.02	1269.94	NIL	110
R.P.Sagar (Ft.)	1157.5	1128	1135.74	1139.92	NIL	NA
Jawahar Sagar (Ft.)	980	970.4	974.80	976.10	NIL	185
Kota Barrage(Ft.)	854.5	852.3	851.90	850.90		
RMC					15	
LMC					NIL	
Bhakra(Ft.)	1690	1462	1615.35	1501.36	30000	22618
Dehar (Ft.)	2941	2900	2923.55	2920.99	7144	7085
Pong(Ft.)	1421	1260	1338.20	1289.04	10495	5046
Mahi-I (Mts.)	281.5	259	268.05	269.55	NIL	NIL
Mahi-II (Mts.)	220.5	217	216.65	217.50	NIL	NIL

5. POSITION OF COAL STOCK (In MT)

AVERAGE FREQ. FOR THE DAY	21-May-19	49.96 Hz	Date	Name of Station	Stock at 00.00 hrs. (MT)	Coal stock sufficient for No. of days
Max O/D of the day	885 MW at 18.30-18.45 Hrs 50.01 HZ		22-May-19	KTPS	201913 MT	10.5 DAYS
Frequency Profile	% of Time			STPS	301044 MT	13.5 DAYS
LESS THAN 49.7 HZ	NA			CHHABRA	80426 MT	6 DAYS
LESS THAN 49.90 HZ	NA			KALISINDH	120070 MT	7.5 DAYS
OPERATING RANGE (49.90 HZ TO 50.05 HZ)	NA					
ABOVE 50.05 HZ	#VALUE!					
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	86					
No. of 132 KV Feeders Disconnected	0					

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

22-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	HRS02	55.00	50	12.00	50	08-Oct-18	12.08				BOXED UP
DCCPP	HRS01	55.00	50	12.00	50	08-Oct-18	12.08				BOXED UP
DCCPP	GT02	110.00	100	24.00	100	08-Oct-18	12.28				BOXED UP
DCCPP	GT01	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 25 DAY
Total(A)-STATE SECTOR-PLANNED OUTAGE			955.00	814.00	195.40	814.00					

CENTRAL SECTOR

AURAIYA GPS	6	109.30	12	2.90	12	20-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
DADRI GPS	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
DADRI TPS	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
Dadri GPS	1	130.19	22	5.30	22	21-May-19	9.19				RESERVE SHUTDOWN
Total(A)-CENTRAL SECTOR-PLANNED OUTAGE			993.55	152.00	36.90	152.00					

(B) FORCED OUTAGE

STATE SECTOR											
NAME OF STATION	UNIT OUT	INSTALLED CAPACITY	NET ALLOC./AVAIL. (MW)				OUTAGE		EXPECT./REVIVAL		REASON OF OUTAGE
							DATE	TIME	DATE	TIME	
GIRAL	2	125.00	70	16.80	70	27-Jan-16	15.27				DESYNCHRONIZED DUE TO ATTEND TUBE LEAKAGE IN ASH COOLAR
RAMGARH	GT3	110.00	100	24.00	100	07-Dec-18	20.45				INSUFFICIENT AVAILABILITY OF GAS
RAMGARH	STG02	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
STPS	2	125.00	110	26.40	110	12-Apr-19	0.17				MT 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	135.60	565	20-May-19	0.35				DUE TO BTL
KTPS	5	210.00	192	46.00	210	20-May-19	23.30				DUE TO BTL
ADANI	2	660.00	600	135.00	600	21-May-19	1.31				due to APH-2A abnormal sound.
Total(B) STATE SECTOR-FORCED OUTAGE			2865.00	2591.00	612.68	2609.00					

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) CENTRAL SECTOR-FORCED OUTAGE			200.00	150.00	36.00	150.00					
G.TOTAL			648.68	2759.00							

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 (\$).