



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

Power Position 16-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								
17-May-19										
18-May-19										
19-May-19										
20-May-19										
21-May-19										
22-May-19										
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	2294.54	2461.88	2266.35	15.77	67.29	10903.00	10666.00	50.04	487.20
MIN OF THE MONTH	2370.82	2013.93	2051.85	1904.55	-19.40	-15.35	9755.00	9102.00	49.95	117.14
AVERAGE	2495.47	2172.42	2265.73	2111.90	-6.08	29.84	10453.87	9921.67	49.99	277.42
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
		15-May-19		
1	KTPS (1240/1240)	224.00	179.00	184.28
2	STPS (1500/1500)	109.00	109.00	94.28
3	DHOLPUR GAS CAPP (330/330)	0.00	0.00	0.00
4	RAMGARH (273.5/273.5)	21.00	22.00	14.57
5	RAPP-A(200/200)	0.00	0.00	12.70
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)	413.00	406.00	406.69
10	ADANI (TPS) + KALISINDH (TPS) (1200+1200/1320+1200)	282.00	282.00	250.72
11	WIND FARM (4139.20/4292.95)	230.00	231.00	230.53
12	SOLAR POWER(1661.70/2250.16)	167.78	169.23	164.67
13	CAPTIVE POWER PLANTS	0.00	0.00	0.00
14	REGIONAL (INTRA STATE) O.A.(VLTPS)	0.00	0.00	25.44
15	OPEN ACCESS	0.00	0.00	0.00
16	BIOMASS – (101.95/119.25)	4.00	6.00	4.14
17	BARSINGHAR LTPS(250/250)	19.00	19.00	18.49
18	RAJWEST (1080/1080)	201.00	201.00	169.18
	TOTAL (A) : 1-18	1670.78	1624.23	1575.69
19	BBMB COMPLEX			
	a) BHAKRA(230.79/1516.3)	39.82	35.05	35.10
	b) DEHAR (198/ 990)	26.99	27.95	24.28
	c) PONG (231.66/396)	11.44	11.62	11.54
	TOTAL : a TO c	78.25	74.62	70.93
20	CENTRAL STATIONS			
	d) SINGRAULI (300/ 2000)+SINGRAULI SHEP (1.87/8.00)	81.33	88.11	86.66
	e) RIHAND (310.24/3000)	122.81	122.36	122.20
	f) UNCHAHAR-I(20/420)	5.13	6.04	3.17
	g) UNCHAHAR-II& III & IV(135.09/1130)	37.41	46.56	26.21
	h) INDIRA GANDHI STPS(JHAJHAR) 0.00/1500)	0.00	0.00	0.00
	i) NCTPS DADRI St-II (43.22/980) + DADRI-TH	14.07	16.34	8.02
	j) DADRI GAS (77/830)	2.77	2.80	2.86
	k) ANTA (83.07/419)	3.35	4.46	2.85
	l) AURAIYA (61.03/663)	0.00	0.00	0.00
	m) NAPP (44/440)	9.03	8.99	8.99
	n) RAPP-B (125/440)	28.67	28.59	28.59
	o) RAPP-C (88/440)	18.89	18.89	18.89
	p) SALAL (20.36/690)	3.97	3.96	4.12
	q) URI (70.37/720)	16.37	16.37	16.37
	r) TANAKPUR (10.86/94)	1.47	1.49	1.41
	s) CHAMERA –I (105.84/540)	16.65	16.66	17.09
	t) CHAMERA-II (29.01/300)	6.64	6.64	5.78
	u) CHAMERA-III (25.21/231)	5.03	5.06	4.72
	v) DHAULIGANGA (27/280)	3.26	3.52	3.39
	w) DULHASTI (42.42/390)	5.98	6.49	6.49
	x) SEWA (13/120)	2.30	2.09	2.33
	y) NJPC (112.00/1500)+RAMPUR(31.808/412.02)	17.64	17.64	21.36
	z) TEHRI (75/1000)	6.65	6.65	6.63
	aa) KOTESHWAR (33.44/400) + PARBATI3 (56.73/520)+KOLDAM (85.73/800)	13.81	14.14	14.18
	ab) TALA	0.99	0.99	0.85
	ac) MUNDRA UMPP (380/4000)	69.63	86.24	80.75
	ad) SASAN (372/3960)	69.80	72.94	72.94
	ae) FRKKA+KHLGN+TLCHR (70.18/3940)	17.75	22.32	17.75
	af) URS POWER(DADRI TH-I)	0.00	0.00	0.00
	TOTAL SCHEDULE(a TO af)	659.63	700.98	655.53
	LOSSES	0.00	0.00	0.00
	NET SCHEDULED	659.63	700.98	655.53
21	BILATERAL (REG.) EXCL. BANKING	15.28	15.74	14.37
22	BANKING	-12.05	-12.05	-12.05
23	BILATERAL(INTER-REG.), EXCLUDING (ISOA & BANKING)	114.80	121.10	125.15
24	INTER STATE OPEN ACCESS (BILATERAL+IEX)	0.00	0.00	-47.89
25	INDIAN ENERGY EXCHANGE	-39.71	-84.04	-84.04
	TOTAL(B): (19 TO 25)	737.96	746.59	651.07
	TOTAL GENERATION (A +B) : 1 TO 25			2226.76
	OVER DRAWAL (+)/UNDER DRAWAL (-)			-19.40
	GRAND TOTAL	2408.74	2370.82	2207.36
	LAST YEAR	2294.54	2249.49	2217.49

3. SYSTEM PARAMETERS AS ON 15-May-19

MAXIMUM DRAWL ON 15-May-19	10567 MW at 15.45-16.00HRS 49.97 HZ
MINIMUM DRAWL ON 15-May-19	7616 MW at 04.30-04.45 Hrs 49.91 HZ
Max U/D of the day	1090 MW at 20.00 HRS 50.05 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	4
No. of Blocks in which Freq. >= 49.9 & <50.0 Hz	50
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & <50.0 Hz	11
NO. OF BLOCKS(UD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & <50.0 Hz	11
No. of Blocks in which Freq. >= 50.00 & <50.05 Hz	28
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 50.00 & <50.05 Hz	4
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	10
NO. OF UD BLOCKS IN WHICH FREQ. >= 50.05 & <50.10 Hz	9
No. of Blocks in which Freq. >= 50.10	1
NO. OF VIOLATION(UD BLOCKS)IN WHICH FREQ. >= 50.10	1

4. WATER LEVEL OF MAJOR RESERVOIR

Name of reservoir	Capacity level		Actual Level as on		Discharge (cusecs)	Inflow (cusecs)
	Max.	Min.	16-May-19	16-May-18		
Gandhi Sagar (Ft.)	1312	1250	1250.14	1270.06	NIL	110
R.P.Sagar (Ft.)	1157.5	1128	1136.05	1139.50	NIL	NIL
Jawahar Sagar (Ft.)	980	970.4	975.60	976.80	NIL	312
Kota Barrage(Ft.)	854.5	852.3	850.70	850.00		
RMC					15	
LMC					NIL	
Bhakra(Ft.)	1690	1462	NA	1509.77	NA	NA
Dehar (Ft.)	2941	2900	NA	2918.96	NA	NA
Pong(Ft.)	1421	1260	NA	1289.93	NA	NA
Mahi-I (Mts.)	281.5	259	268.10	269.65	NIL	NIL
Mahi-II (Mts.)	220.5	217	216.75	217.70	NIL	NIL

5. POSITION OF COAL STOCK (In MT)

AVERAGE FREQ. FOR THE DAY	15-May-19	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		893 MW at 04.15 Hrs 49.97 HZ	16-May-19	KTPS	103488	5.5 DAYS
Frequency Profile		% of Time		STPS	366748	16 DAYS
LESS THAN 49.7 HZ		0.00		CHHABRA	162215	12.5 DAYS
LESS THAN 49.90 HZ		11.00		KALISINDH	182707	11.5 DAYS
OPERATING RANGE (49.90 HZ TO 50.05 HZ)		75.00				
ABOVE 50.05 HZ		14.00				
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		0				
No. of 132 KV Feeders Disconnected		0				

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

16-May-19

(A) PLANNED OUTAGE

NAME OF STATION	UNIT OUT	INSTALLED CAPACITY	NET ALLOC./AVAIL. (MW)				DATE		TIME		REASON OF OUTAGE
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
STPS	5	250.00	229	55.00	229	03-May-19		19.10			BOXED UP
STPS	6	250.00	229	55.00	229	05-May-19		23.26			BOXED UP
CTPP	4	250.00	225	54.00	225	08-May-19		0.07			ANNUAL SHUTDOWN FOR 25 DAY
KTPS	3	210.00	192	46.00	192	11-May-19		12.59			BOXED UP
Total(A) STATE SECTOR- PLANNED OUTAGE			1665.00	1464.00	351.40	1464.00					
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
DADRI GPS	2	138.19	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 GPS	1	138.19	22	5.30	22	13-Apr-19		12.22			RESERVE SHUTDOWN
Total(B) CENTRAL SECTOR- PLANNED OUTAGE			1123.74	174.00	42.20	174.00					

(B) FORCE OUTAGE

STATE SECTOR											
NAME OF STATION	UNIT OUT	INSTALLED CAPACITY	NET ALLOC./AVAIL. (MW)				DATE		TIME		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	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
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
RAPP	2	200.00	150	0.00	0	23-Apr-19		13.50	15-May-19	15.00	TECHNICAL PROBLEM
RAJWEST	6	135.00	120	28.68	120	11-May-19		10.30			BED MATERIAL LEAKAGE
ADANI	2	660.00	600	144.00	600	12-May-19		4.00			M/T DUE TO API-A HOT PRIMARY AIR EXPANSION BELLOW LEAKAGE
KTPS	5	210.00	192	0.00	0	13-May-19		10.57	15-May-19	6.52	DUE TO BTL
RAMGARH	GT1	37.50	29	0.00	0	15-May-19		21.28	15-May-19	22.47	DUE TO GRID FAILURE
RAMGARH	GT2	37.50	29	0.00	0	15-May-19		21.28	15-May-19	23.10	DUE TO GRID FAILURE
RAMGARH	STG1	35.50	10	0.20	0	15-May-19		21.28	16-May-19	1.39	DUE TO GRID FAILURE
RAPP	2	200.00	150	36.00	150	15-May-19		23.18			TECHNICAL PROBLEM
Total(B) STATE SECTOR-FORCED OUTAGE			2775.50	2394.00	476.28	1984.00					
CENTRAL SECTOR											
Total(B) CENTRAL SECTOR-FORCED OUTAGE			0.00	0.00	0.00	0.00					

G.TOTAL

476.28 1984.00

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).