



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

Power Position 02-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								
03-May-19										
04-May-19										
05-May-19										
06-May-19										
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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	2587.01	2221.10	2333.40	2073.14	15.77	25.25	10532.00	9787.00	50.04	133.34
MIN OF THE MONTH	2578.13	2201.11	2333.40	2073.14	15.77	25.25	10532.00	9787.00	50.04	133.34
AVERAGE	2582.57	2211.11	2333.40	2073.14	15.77	25.25	10532.00	9787.00	50.04	133.34
MAX.CONSUMPTION TILL DATE DURING THE FY 2019-20 (L.U.)			2333.40				01-May-19			
MAX.PEAK LOAD TILL DATE DURING THE FY 2019-20 (MW)			10560				11.15-11.30 Hrs.)	30-Apr-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.)			334.45				24-Apr-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
		1-May-19		
1	KTPS (1240/1240)	270.00	270.00	226.43
2	STPS (1500/1500)	220.00	273.00	195.56
3	DHOLPUR GAS CAPP (330/330)	0.00	0.00	0.00
4	RAMGARH (273.5/273.5)	22.00	22.00	20.31
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)	338.00	338.00	314.51
10	ADANI (TPS) + KALISINDH (TPS) (1200+1200/1320+1200)	422.00	422.00	349.32
11	WIND FARM (4139.20/4292.95)	137.00	81.50	133.34
12	SOLAR POWER(1661.70/2250.16)	180.52	189.16	164.53
13	CAPTIVE POWER PLANTS	0.00	0.00	0.00
14	REGIONAL (INTRA STATE) O.A.(VLTPS)	0.00	0.00	25.86
15	OPEN ACCESS	0.00	0.00	0.00
16	BIOMASS – (101.95/119.25)	7.00	7.00	6.54
17	BARSINGHAR LTPS(250/250)	20.00	23.00	19.96
18	RAJWEST (1080/1080)	172.00	172.00	133.10
	TOTAL (A) : 1-18	1788.52	1797.66	1589.46
19	BBMB COMPLEX			
	a) BHAKRA(230.79/1516.3)	31.27	31.47	31.66
	b) DEHAR (198/990)	28.42	28.42	27.87
	c) PONG (231.66/396)	16.45	11.93	15.75
	TOTAL : a TO c	76.14	71.82	75.28
20	CENTRAL STATIONS			
	d) SINGRAULI (300/ 2000)+SINGRAULI SHEP (1.87/8.00)	86.78	87.68	87.34
	e) RIHAND (310.24/3000)	121.54	118.72	123.20
	f) UNCHAHAR-I(20/420)	5.55	5.40	2.83
	g) UNCHAHAR-II& III & IV(135.09/1130)	38.94	38.99	27.49
	h) INDIRA GANDHI STPS(JHAJHAR) 0.00/1500)	0.00	0.00	0.00
	i) NCTPS DADRI St-II (43.22/980) + DADRI-TH	13.88	13.54	2.88
	j) DADRI GAS (77/830)	4.46	4.76	4.64
	k) ANTA (83.07/419)	3.59	3.19	3.53
	l) AURAIYA (61.03/663)	0.00	0.00	0.00
	m) NAPP (44/440)	7.76	8.87	8.87
	n) RAPP-B (125/440)	28.03	28.19	28.19
	o) RAPP-C (88/440)	17.36	18.73	18.73
	p) SALAL (20.36/690)	4.63	4.70	4.50
	q) URI (70.37/720)	16.16	16.16	16.16
	r) TANAKPUR (10.86/94)	1.49	1.51	1.78
	s) CHAMERA –I (105.84/540)	20.00	24.15	24.15
	t) CHAMERA-II (29.01/300)	5.99	6.68	6.14
	u) CHAMERA-III (25.21/231)	4.73	5.75	5.11
	v) DHAULIGANGA (27/280)	4.70	3.82	3.60
	w) DULHASTI (42.42/390)	7.80	7.79	7.80
	x) SEWA (13/120)	3.14	3.14	3.14
	y) NJPC (112.00/1500)+RAMPUR(31.808/412.02)	20.72	20.69	22.54
	z) TEHRI (75/1000)	5.54	5.60	5.60
	aa) KOTESHWAR (33.44/400) + PARBATI3 (56.73/520)+KOLDAM (85.73/800)	14.67	14.88	15.14
	ab) TALA	1.48	1.41	1.42
	ac) MUNDRA UMPP (380/4000)	86.75	80.38	73.54
	ad) SASAN (372/3960)	85.33	85.33	84.95
	ae) FRKKA+KHLGN+TLCHR (70.18/3940)	18.40	19.94	14.57
	af) URS POWER(DADRI TH-I)	0.00	0.00	0.00
	TOTAL SCHEDULE(a TO af)	705.57	701.81	673.13
	LOSSES	0.00	0.00	0.00
	NET SCHEDULED	705.57	701.81	673.13
21	BILATERAL (REG.) EXCL. BANKING	15.77	16.06	14.96
22	BANKING	-12.17	-12.17	-12.17
23	BILATERAL(INTER-REG.), EXCLUDING (ISOA & BANKING)	104.53	99.61	92.26
24	INTER STATE OPEN ACCESS (BILATERAL+IEX)	0.00	0.00	-19.15
25	INDIAN ENERGY EXCHANGE	-24.08	-20.86	-20.86
	TOTAL(B): (19 TO 25)	789.60	789.35	728.17
	TOTAL GENERATION (A +B) : 1 TO 25			2317.63
	OVER DRAWAL (+)/UNDER DRAWAL (-)			15.77
	GRAND TOTAL	2578.13	2587.01	2333.40
	LAST YEAR	2201.11	2221.10	2073.14

3. SYSTEM PARAMETERS AS ON 01-May-19

MAXIMUM DRAWL ON 01-May-19	10532 MW at 11.45-12.00 HRS 50.03 HZ
MINIMUM DRAWL ON 01-May-19	8294 MW at 18.30-18.45 Hrs 50.00 HZ
Max U/D of the day	509 MW at 09.30-19.45HRS 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	2
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	16
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & <50.00 Hz	5
NO. OF BLOCKS(UD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & <50.00 Hz	0
No. of Blocks in which Freq. >= 50.00 & <50.05 Hz	35
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 50.00 & <50.05 Hz	9
NO. OF BLOCKS(UD ABOVE 250 MW) IN WHICH FREQ. >= 50.00 & <50.05 Hz	3
No. of Blocks in which Freq. >= 50.05 & <50.10 Hz	31
NO. OF UD BLOCKS IN WHICH FREQ. >= 50.05 & <50.10 Hz	20
No. of Blocks in which Freq. >= 50.10	12
NO. OF VIOLATION(UD BLOCKS)IN WHICH FREQ. >= 50.10	6
AVERAGE FREQ. FOR THE DAY 1-May-19	50.04 Hz
Max O/D of the day	710 MW at 19.45-20.00 Hrs 50.01 HZ
Frequency Profile	% of Time
LESS THAN 49.7 HZ	0.00
LESS THAN 49.90 HZ	1.70
OPERATING RANGE (49.90 HZ TO 50.05 HZ)	56.80
ABOVE 50.05 HZ	41.50
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

4. WATER LEVEL OF MAJOR RESERVOIR

Name of reservoir	Capacity level		Actual Level as on		Discharge (cusecs)	Inflow (cusecs)
	Max.	Min.	2-May-19	2-May-18		
Gandhi Sagar (Ft.)	1312	1250	na	1270.34	na	na
R.P.Sagar (Ft.)	1157.5	1128	1136.80	1139.99	NIL	NIL
Jawahar Sagar (Ft.)	980	970.4	976.00	976.60	NIL	NIL
Kota Barrage(Ft.)	854.5	852.3	851.80	851.60		
RMC					15	
LMC					NIL	
Bhakra(Ft.)	1690	1462	1623.83	1534.76	22271	21304
Dehar (Ft.)	2941	2900	2933.59	2922.76	8414	7996
Pong(Ft.)	1421	1260	1341.77	1292.50	7006	4349
Mahi-I (Mts.)	281.5	259	268.20	269.75	NIL	NIL
Mahi-II (Mts.)	220.5	217	217.00	218.00	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
2-May-19	KTPS		
	STPS		
	CHHABRA		
	KALISINDH		

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

2-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	GT92	110.00	100	24.00	100	08-Oct-18	12.28		BOXED UP
DCCPP	GT91	110.00	100	24.00	100	08-Oct-18	12.29		BOXED UP
STPS	2	250.00	225	55.00	225	01-May-19	13.09		BOXED UP
Total(A)-STATE SECTOR-PLANNED OUTAGE			705.00	585.00	141.40	585.00			

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
ANTA GPS	3	88.71	31	7.50	31	12-Jan-19	9.56		RESERVE SHUTDOWN
AURAIYA GPS	3	111.19	18	4.40	18	11-Feb-19	20.45		RESERVE SHUTDOWN
DADBRI 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
DADBRI GPS	1	130.19	22	5.30	22	13-Apr-19	12.22		RESERVE SHUTDOWN
Total(A)-CENTRAL SECTOR-PLANNED OUTAGE			1212.45	205.00	49.70	205.00			

(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-2
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		MUT DUE Major Overhaul.
RAJWEST	2	135.00	120	28.68	120	13-Apr-19	2.03		TURBINE BEARING TEM PROBLEM
STPS	1	250.00	229	55.00	229	15-Apr-19	1.03		GENERATOR EARTH FAULT
CHHABRA(CSCTPP)	6	660.00	600	144.00	600	23-Apr-19	22.48		MANUALLY TRIPPED(HEAVY BLAST SOUND)
RAJWEST	3	135.00	120	28.68	120	29-Apr-19	12.37		BED MATERIAL LEAKAGE
Total(B)-STATE SECTOR-FORCED OUTAGE			2190.00	1954.00	468.76	1954.00			
CENTRAL SECTOR									
RAPP	2	200.00	150	36.00	150	23-Apr-19	13.50		TECHNICAL PROBLEM
UNCHAHAR	3	210.00	27	6.50	27	28-Apr-19	23.07		FURNANCE PRESSURE HIGH
Total(B)-CENTRAL SECTOR-FORCED OUTAGE			410.00	177.00	42.50	177.00			
G.TOTAL			511.26	2131.00					

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).