



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

<b>Power Position 04-Jun-19</b>	<b>Point No.</b>
<b>Date-wise Energy Availability, Consumption, Peak Load &amp; Average Frequency</b>	<b>1</b>
<b>Energy Availability / Generation from different Sources</b>	<b>2</b>
<b>System Parameters</b>	<b>3</b>
<b>Water Level of major Reservoirs</b>	<b>4</b>
<b>Position of Coal Stock at KTPS,STPS &amp; CHHABRA</b>	<b>5</b>
<b>Outage of major Generating Units</b>	<b>6</b>

**1. Date-Wise Energy Availability, Consumption,OD(+)/UD(-), Peak Load, Avg. Frequency,Wind Gen. -JUNE- 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-Jun-19	2615.18	2449.51	2615.85	2457.71	14.12	-6.23	11854	11218	49.99	222.97
02-Jun-19	2588.10	2619.13	2599.94	2467.43	16.11	52.12	11780	11373	50.03	220.54
03-Jun-19	2840.16	2655.80	2646.66	2413.63	7.91	18.33	11897	11148	50.02	315.51
04-Jun-19	2787.06	2680.80								
05-Jun-19										
06-Jun-19										
07-Jun-19										
08-Jun-19										
09-Jun-19										
10-Jun-19										
11-Jun-19										
12-Jun-19										
13-Jun-19										
14-Jun-19										
15-Jun-19										
16-Jun-19										
17-Jun-19										
18-Jun-19										
19-Jun-19										
20-Jun-19										
21-Jun-19										
22-Jun-19										
23-Jun-19										
24-Jun-19										
25-Jun-19										
26-Jun-19										
27-Jun-19										
28-Jun-19										
29-Jun-19										
30-Jun-19										
01-Jul-19										
MAXIMUM OF THE MONTH	<b>2840.16</b>	<b>2680.80</b>	<b>2646.66</b>	<b>2467.43</b>	<b>16.11</b>	<b>52.12</b>	<b>11897.00</b>	<b>11373.00</b>	<b>50.03</b>	<b>315.51</b>
MIN OF THE MONTH	<b>2588.10</b>	<b>2449.51</b>	<b>2599.94</b>	<b>2413.63</b>	<b>7.91</b>	<b>-6.23</b>	<b>11780.00</b>	<b>11148.00</b>	<b>49.99</b>	<b>220.54</b>
AVERAGE	<b>2707.63</b>	<b>2601.31</b>	<b>2620.82</b>	<b>2446.26</b>	<b>12.71</b>	<b>21.41</b>	<b>11843.67</b>	<b>11246.33</b>	<b>50.01</b>	<b>253.01</b>
MAX.CONSUMPTION TILL DATE DURING THE FY 2019-20 (L.U.)			2646.66				11897	03-Jun-19		
MAX.PEAK LOAD TILL DATE DURING THE FY 2019-20 (MW)							11897	(23.15-23.30 Hrs.)	03-Jun-19	
MAX.CONSUMPTION DURING THE FY 2018-19 (L.U.)			2549.75				13276	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
		3-Jun-19		
1	KTPS (1240/1240)	252.00	252.00	224.86
2	STPS (1500/1500)	325.00	325.00	276.51
3	DHOLPUR GAS CCPP (330/330)	0.00	0.00	0.00
4	RAMGARH (273.5/273.5)	22.00	21.00	20.35
5	RAPP-A(200/200)	36.00	36.00	39.75
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)	260.00	354.00	339.66
10	ADANI (TPS) + KALISINDH (TPS) (1200+1200/1320+1200)	423.00	423.00	368.15
11	WIND FARM (4139.20/4292.95)	269.00	277.00	315.51
12	SOLAR POWER(1661.70/2250.16)	177.65	181.74	171.72
13	CAPTIVE POWER PLANTS	0.00	0.00	0.00
14	REGIONAL (INTRA STATE) O.A.(VLTPS)	0.00	0.00	24.61
15	OPEN ACCESS	0.00	0.00	0.00
16	BIOMASS – (101.95/119.25)	6.00	6.00	6.24
17	BARSINGHSAR LTPS(250/250)	26.00	26.00	25.92
18	RAJWEST (1080/1080)	172.00	201.00	139.82
	<b>TOTAL (A) : 1-18</b>	<b>1968.65</b>	<b>2102.74</b>	<b>1953.10</b>
19	BBMB COMPLEX			
	a) BHAKRA(230.79/1516.3)	45.03	45.79	45.47
	b) DEHAR (198/ 990)	27.90	27.41	28.00
	c) PONG (231.66/396)	17.95	18.74	18.48
	<b>TOTAL : a TO c</b>	<b>90.88</b>	<b>91.95</b>	<b>91.95</b>
20	CENTRAL STATIONS			
	d) SINGRAULI (300/ 2000)+SINGRAULI SHEP (1.87/8.00)	80.75	65.79	64.38
	e) RIHAND (310.24/3000)	123.76	123.76	127.22
	f) UNCHAHAR-I(20/420)	5.74	6.01	3.05
	g) UNCHAHAR-II& III & IV(135.09/1130)	43.63	44.55	21.72
	h) INDIRA GANDHI STPS(JHAJHAR) 0.00/1500)	0.00	0.00	0.00
	i) NCTPS DADRI St-II ( 43.22/980) + DADRI-TH	14.95	14.87	5.68
	j) DADRI GAS (77/830)	2.74	2.79	2.49
	k) ANTA (83.07/419)	0.00	0.00	0.00
	l) AURAIYA (61.03/663)	0.00	0.00	0.00
	m) NAPP (44/440)	8.70	8.72	8.72
	n) RAPP-B (125/440)	27.95	28.11	28.11
	o) RAPP-C (88/440)	18.90	16.93	16.93
	p) SALAL (20.36/690)	4.74	4.86	4.81
	q) URI (70.37/720)	16.37	16.37	16.37
	r) TANAKPUR (10.86/94)	1.84	1.84	2.17
	s) CHAMERA –I (105.84/540)	24.25	24.25	24.25
	t) CHAMERA-II (29.01/300)	6.70	6.73	6.71
	u) CHAMERA-III (25.21/231)	5.78	5.78	5.78
	v) DHAULIGANGA (27/280)	6.17	6.17	6.17
	w) DULHASTI (42.42/390)	7.84	7.71	7.77
	x) SEWA (13/120)	2.51	2.51	2.51
	y) NJPC (112.00/1500)+RAMPUR(31.808/412.02)	35.71	35.71	35.71
	z) TEHRI (75/1000)	4.62	4.26	4.13
	aa) KOTESHWAR (33.44/400 ) + PARBATI3 (56.73/520)+KOLDAM (85.73/800)	25.43	22.74	24.11
	ab) TALA	0.68	0.69	0.67
	ac) MUNDRA UMPP (380/4000)	80.71	85.34	84.39
	ad) SASAN (372/3960)	84.65	70.35	75.77
	ae) FRKKA+KHLGN+TLCHR (70.18/3940)	28.94	28.85	23.46
	af) URS POWER(DADRI TH-I)	0.00	0.00	0.00
	TOTAL SCHEDULE(a TO af)	754.94	727.67	695.04
	LOSSES	0.00	0.00	0.00
	NET SCHEDULED	<b>754.94</b>	<b>727.67</b>	<b>695.04</b>
21	BILATERAL (REG.) EXCL. BANKING	29.13	28.11	24.76
22	BANKING	-85.28	-85.28	-85.28
23	BILATERAL(INTER-REG.) EXCLUDING (ISOA & BANKING)	136.66	88.83	108.21
24	INTER STATE OPEN ACCESS (BILATERAL+IEX)	0.00	0.00	-30.31
25	INDIAN ENERGY EXCHANGE	-17.03	-26.77	-26.77
	<b>TOTAL(B): (19 TO 25)</b>	<b>818.42</b>	<b>737.42</b>	<b>685.65</b>
	TOTAL GENERATION (A +B) : 1 TO 25			<b>2638.75</b>
	OVER DRAWAL (+)/UNDER DRAWAL (-)			7.91
	<b>GRAND TOTAL</b>	<b>2787.06</b>	<b>2840.16</b>	<b>2646.66</b>
	LAST YEAR	2680.80	2655.80	2413.63

## 3.SYSTEM PARAMETERS AS ON 03-Jun-19

MAXIMUM DRAWL ON 03-Jun-19	11897 MW at 23.15-23.30 HRS 50.01 HZ
MINIMUM DRAWL ON 03-Jun-19	9330 MW at 18.45-19.00 Hrs 50.05 HZ
Max U/D of the day	446 MW at 14.30-14.45 HRS 50.01 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	1
NO. OF VIOLATION (OD BLOCKS) IN WHICH FREQ. >= 49.7 & <49.9 Hz	0
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	0
NO. OF BLOCKS(UD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & <50.00 Hz	1
No. of Blocks in which Freq. >= 50.00 & <50.05 Hz	49
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 50.00 & <50.05 Hz	10
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	29
NO. OF UD BLOCKS IN WHICH FREQ. >= 50.05 & <50.10 Hz	11
No. of Blocks in which Freq. >= 50.10	1
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.	4-Jun-19	4-Jun-18		
Gandhi Sagar (Ft.)	1312	1250	NA	1269.70	NA	NA
R.P.Sagar (Ft.)	1157.5	1128	1135.77	1138.92	NIL	NIL
Jawahar Sagar (Ft.)	980	970.4	975.00	975.40	NIL	NIL
Kota Barrage(Ft.)	854.5	852.3	850.60	850.20		
RMC					15	
LMC					NIL	
Bhakra(Ft.)	1690	1462	1612.25	1491.33	35124	32478
Dehar (Ft.)	2941	2900	2938.77	2937.86	8590	10347
Pong(Ft.)	1421	1260	1334.69	1285.28	8002	3182
Mahi-I (Mts.)	281.5	259	267.90	269.25	NIL	NIL
Mahi-II (Mts.)	220.5	217	216.40	217.30	NIL	NIL

## 5.POSITION OF COAL STOCK (In MT)

AVERAGE FREQ. FOR THE DAY	3-Jun-19	50.02 Hz	Date	Name of Station	Stock at 00.00 hrs. (MT)	Coal stock sufficient for No. of days
Max O/D of the day	568 MW at 00.00-00.15 Hrs 50.08 HZ		4-Jun-19	KTPS	79872	4 Days
Frequency Profile	% of Time		4-Jun-19	STPS	262470	11.5 Days
LESS THAN 49.7 HZ	0.00		4-Jun-19	CHHABRA	123788	9.5 Days
LESS THAN 49.90 HZ	2.40		4-Jun-19	KALISINDH	265420	16.5 Days
OPERATING RANGE (49.90 HZ TO 50.05 HZ)	65.50					
ABOVE 50.05 HZ	32.10					
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.

4-Jun-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-Jun-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
BTPS	1	125.00	110	26.40	110	23-May-19	7.46				ANNUAL SHUTDOWN FOR 30 DAY
CSCTPP	5	660.00	600	144.00	600	27-May-19	0.10				ANNUAL SHUTDOWN FOR 30 DAY
Total(A)-STATE SECTOR-PLANNED OUTAGE		1240.00	1070.00	256.80	1070.00						

## CENTRAL SECTOR

AURAIYA GPS	2	111.19	18	4.40	18	12-Jan-19	9.53				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	0.00	0	21-May-19	9.24	30-May-19	12.49		RESERVE SHUTDOWN
ANTA GPS	2	88.71	31	0.00	0	29-May-19	6.34	29-May-19	18.48		RESERVE SHUTDOWN
ANTA GPS	4	153.20	34	0.00	0	29-May-19	7.08	29-May-19	19.33		RESERVE SHUTDOWN
AURAIYA GPS	3	111.19	18	4.40	18	01-Jun-19	6.17				RESERVE SHUTDOWN
AURAIYA GPS	6	109.30	12	2.90	12	01-Jun-19	6.22				RESERVE SHUTDOWN
AURAIYA GPS	4	111.19	18	4.40	18	01-Jun-19	6.33				RESERVE SHUTDOWN
ANTA GPS	3	88.71	31	7.50	31	31-May-19	4.26				NON AVAILABILITY OF CHEAP GAS
ANTA GPS	1	88.71	31	7.50	31	31-May-19	4.57				NON AVAILABILITY OF CHEAP GAS
ANTA GPS	4	153.20	34	8.20	34	31-May-19	5.18				NON AVAILABILITY OF CHEAP GAS
ANTA GPS	2	88.71	31	7.50	31	31-May-19	5.52				NON AVAILABILITY OF CHEAP GAS
Total(A)-CENTRAL SECTOR-PLANNED OUTAGE		1413.31	319.00	54.10	223.00						

## (B) FORCE 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-4
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
RAJWEST	7	135.00	120	28.68	120	03-Jun-19	14.00				BED MATERIAL LEAKAGE
CSCTPP	6	660.00	600	95.00	600	04-Jun-19	4.22				ELECTRICAL FAULT
Total(B)-STATE SECTOR-FORCED OUTAGE		1815.00	1615.00	338.36	1615.00						

## CENTRAL SECTOR

RHAND	4	500.00	59	0.00	0	27-May-19	14.40	30-May-19	2.36		BOILER TUBE LEAKAGE
SINGRAULI STPS	6	500.00	85	20.50	85	01-Jun-19	23.02				BOILER TUBE LEAKAGE
Total(B)-CENTRAL SECTOR-FORCED OUTAGE		1000.00	144.00	20.50	85.00						
<b>G.TOTAL</b>			<b>358.86</b>	<b>1700.00</b>							

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).