



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

<b>Power Position 18-Jun-19</b>	<b>Point No.</b>
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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	2687.17	2497.74	-1.48	2.26	12159	11384	49.96	327.04
05-Jun-19	2769.49	2581.81	2713.76	2549.75	7.44	45.91	12382	11698	49.94	220.03
06-Jun-19	2788.19	2335.99	2705.26	2348.56	-29.64	44.00	12225	10685	49.98	146.53
07-Jun-19	2874.90	2513.27	2752.47	2473.32	-9.83	61.12	12620	11242	49.96	66.06
08-Jun-19	2774.44	2523.32	2709.60	2471.15	9.89	11.37	11989	11281	49.95	80.33
09-Jun-19	2776.07	2619.15	2658.03	2258.12	-4.21	10.77	11992	10460	49.98	151.80
10-Jun-19	2772.17	2305.93	2718.14	2100.77	-1.41	30.97	12234	9461	49.95	318.59
11-Jun-19	2874.26	2383.24	2797.55	2186.76	-4.66	0.18	12484	10408	49.99	482.56
12-Jun-19	2756.45	2557.85	2649.11	2254.48	33.25	22.17	12345	10785	50.02	181.39
13-Jun-19	2660.11	2552.37	2443.61	2166.22	2.79	7.38	11573	10536	50.02	212.10
14-Jun-19	2791.39	2423.52	2575.61	2194.35	21.11	10.69	11855	10574	49.98	139.99
15-Jun-19	2707.34	2411.38	2578.18	2231.05	-12.49	22.12	11684	10937	50.03	439.24
16-Jun-19	2733.72	2444.15	2328.73	2325.98	-29.96	53.48	10697	11001	50.03	316.17
17-Jun-19	2707.55	2418.52	2350.87	2292.75	-20.25	35.35	10662	10824	50.02	522.10
18-Jun-19	2667.12	2407.42								
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>2874.90</b>	<b>2680.80</b>	<b>2797.55</b>	<b>2549.75</b>	<b>33.25</b>	<b>61.12</b>	<b>12620.00</b>	<b>11698.00</b>	<b>50.03</b>	<b>522.10</b>
MIN OF THE MONTH	<b>2588.10</b>	<b>2305.93</b>	<b>2328.73</b>	<b>2100.77</b>	<b>-29.96</b>	<b>-6.23</b>	<b>10662.00</b>	<b>9461.00</b>	<b>49.94</b>	<b>66.06</b>
AVERAGE	<b>2749.09</b>	<b>2493.51</b>	<b>2619.44</b>	<b>2334.69</b>	<b>-0.08</b>	<b>24.82</b>	<b>11907.76</b>	<b>10883.24</b>	<b>49.99</b>	<b>256.64</b>
MAX.CONSUMPTION TILL DATE DURING THE FY 2019-20 (L.U.)							2797.55	11-Jun-19		
MAX.PEAK LOAD TILL DATE DURING THE FY 2019-20 (MW)							12620	(23.15-23.30 Hrs.)	07-Jun-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.)							522.10	17-Jun-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
		17-Jun-19		
1	KTPS (1240/1240)	258.00	258.00	215.24
2	STPS (1500/1500)	110.00	110.00	86.35
3	DHOLPUR GAS CCPP (330/330)	0.00	0.00	0.00
4	RAMGARH (273.5/273.5)	21.00	21.00	18.96
5	RAPP-A(200/200)	36.00	36.00	39.20
6	MAHI (140/140)	0.00	0.00	0.00
7	CHAMBAL (RPS+JS) (135.5/271)	0.00	0.00	3.54
8	SSCTPS#7	0.00	0.00	0.00
9	CHHABRA TPS (1000/1000)+CSCTPP (660/660)	300.00	300.00	249.46
10	ADANI (TPS) + KALISINDH (TPS) (1200+1200/1320+1200)	523.00	522.00	415.28
11	WIND FARM (4139.20/4292.95)	295.00	410.00	522.61
12	SOLAR POWER(1661.70/2250.16)	165.77	172.99	169.10
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)	2.00	1.00	2.35
17	BARSINGHSAR LTPS(250/250)	26.00	26.00	26.30
18	RAJWEST (1080/1080)	201.00	201.00	111.17
	<b>TOTAL (A) : 1-18</b>	<b>1937.77</b>	<b>2057.99</b>	<b>1884.17</b>
19	BBMB COMPLEX			
a)	BHAKRA(230.79/1516.3)	45.73	45.64	44.86
b)	DEHAR (198/ 990)	28.37	27.75	27.37
c)	PONG (231.66/396)	18.32	18.23	17.69
	<b>TOTAL : a TO c</b>	<b>92.42</b>	<b>91.62</b>	<b>89.92</b>
20	CENTRAL STATIONS			
d)	SINGRAULI (300/ 2000)+SINGRAULI SHEP (1.87/8.00)	85.96	84.70	47.52
e)	RIHAND (310.24/3000)	102.67	98.45	67.06
f)	UNCHAHAAR-I(20/420)	5.32	4.83	2.62
g)	UNCHAHAAR-II& III & IV(135.09/1130)	33.26	30.33	12.80
h)	INDIRA GANDHI STPS(JHAJHAR) 0.00/1500)	0.00	0.00	0.00
i)	NCTPS DADRI St-II ( 43.22/980) + DADRI-TH	14.85	12.28	6.19
j)	DADRI GAS (77/830)	3.61	2.63	3.82
k)	ANTA (83.07/419)	0.00	0.00	0.00
l)	AURAIYA (61.03/663)	1.42	1.42	2.04
m)	NAPP (44/440)	8.88	8.74	8.74
n)	RAPP-B (125/440)	28.02	28.10	28.10
o)	RAPP-C (88/440)	19.17	19.17	19.17
p)	SALAL (20.36/690)	4.78	4.78	4.75
q)	URI (70.37/720)	16.35	16.35	16.35
r)	TANAKPUR (10.86/94)	1.93	2.00	1.92
s)	CHAMERA –I (105.84/540)	19.36	20.50	20.16
t)	CHAMERA-II (29.01/300)	6.75	6.73	6.66
u)	CHAMERA-III (25.21/231)	5.88	5.88	5.88
v)	DHAULIGANGA (27/280)	6.19	6.19	6.19
w)	DULHASTI (42.42/390)	8.11	8.11	8.11
x)	SEWA (13/120)	1.47	1.47	1.47
y)	NJPC (112.00/1500)+RAMPUR(31.808/412.02)	35.80	35.80	35.80
z)	TEHRI (75/1000)	4.64	6.01	6.01
aa)	KOTESHWR (33.44/400) + PARBATI3 (56.73/520)+KOLDAM (85.73/800)	23.19	22.58	22.84
ab)	TALA	1.80	0.97	1.60
ac)	MUNDRA UMPP (380/4000)	42.14	44.58	19.21
ad)	SASAN (372/3960)	83.99	83.99	80.56
ae)	FRKKA+KHLGN+TLCHR (70.18/3940)	23.97	21.64	5.66
af)	URS POWER(DADRI TH-I)	0.00	0.00	0.00
	TOTAL SCHEDULED(a TO af)	681.93	669.86	531.17
	LOSSES	0.00	0.00	0.00
	NET SCHEDULED	<b>681.93</b>	<b>669.86</b>	<b>531.17</b>
21	BILATERAL (REG.) EXCL. BANKING	29.02	23.76	23.99
22	BANKING	-84.76	-85.18	-85.18
23	BILATERAL(INTER-REG.) EXCLUDING (ISOA & BANKING)	115.54	117.86	98.76
24	INTER STATE OPEN ACCESS (BILATERAL+IEX)	0.00	0.00	-0.18
25	INDIAN ENERGY EXCHANGE	-12.37	-81.60	-81.60
	<b>TOTAL(B): (19 TO 25)</b>	<b>729.35</b>	<b>649.56</b>	<b>486.95</b>
	TOTAL GENERATION (A +B) : 1 TO 25			<b>2371.12</b>
	OVER DRAWAL (+)/UNDER DRAWAL (-)			-20.25
	<b>GRAND TOTAL</b>	<b>2667.12</b>	<b>2707.55</b>	<b>2350.87</b>
	LAST YEAR	2407.42	2418.52	2292.75

## 3. SYSTEM PARAMETERS AS ON 17-Jun-19

MAXIMUM DRAWL ON 17-Jun-19	10662 MW at 22.30-22.45 HRS 49.92 HZ
MINIMUM DRAWL ON 17-Jun-19	8582 MW at 18.45-19.005 Hrs 50.02 HZ
Max U/D of the day	976 MW at 00.00-00.15 HRS 50.04 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	2
No. of Blocks in which Freq. >= 49.9 & <50.00 Hz	21
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & <50.00 Hz	4
NO. OF BLOCKS(UD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & <50.00 Hz	2
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	5
NO. OF BLOCKS(UD ABOVE 250 MW) IN WHICH FREQ. >= 50.00 & <50.05 Hz	8
No. of Blocks in which Freq. >= 50.05 & <50.10 Hz	18
NO. OF UD BLOCKS IN WHICH FREQ. >= 50.05 & <50.10 Hz	13
No. of Blocks in which Freq. >= 50.10	5
NO. OF VIOLATION(UD BLOCKS) IN WHICH FREQ. >= 50.10	5
AVERAGE FREQ. FOR THE DAY 17-Jun-19	50.02 Hz
Max O/D of the day	470 MW at 01.45-02.00 Hrs 50.04 HZ
Frequency Profile	% of Time
LESS THAN 49.7 HZ	0.00
LESS THAN 49.90 HZ	5.80
OPERATING RANGE (49.90 HZ TO 50.05 HZ)	64.80
ABOVE 50.05 HZ	29.40
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	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.	18-Jun-19	18-Jun-18	17-Jun-19	17-Jun-19
Gandhi Sagar (Ft.)	1312	1250	1247.70	1269.40	NIL	43
R.P.Sagar (Ft.)	1157.5	1128	1135.82	1138.23	NIL	1633
Jawahar Sagar (Ft.)	980	970.4	974.00	977.50	NIL	632
Kota Barrage(Ft.)	854.5	852.3	852.10	850.10		
RMC					15	
LMC					NIL	
Bhakra(Ft.)	1690	1462	1607.42	1512.81	35040	30026
Dehar (Ft.)	2941	2900	2933.39	2929.28	8495	9116
Pong(Ft.)	1421	1260	1332.06	1285.00	8012	2773
Mahi-I (Mts.)	281.5	259	267.80	269.10	NIL	NIL
Mahi-II (Mts.)	220.5	217	216.20	217.10	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
18-Jun-19	KTPS	116889	6 DAYS
	STPS	120715	5.5 DAYS
	CHHABRA	208413	16 DAYS
	KALISINDH	199254	12.5 DAYS

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

18-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-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
BTPS	1	125.00	110	26.00	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
CHHABRA	3	250.00	225	54.00	225	12-Jun-19	2.50			ABNORMAL SOUND APPEARED AT GENERATOR
STPS	4	250.00	229	55.00	229	15-Jun-19	14.15			BOX UP
STPS	3	250.00	229	55.00	229	15-Jun-19	19.44			BOX UP
Total(A) STATE SECTOR- PLANNED OUTAGE		1990.00	1753.00	420.80	1753.00					
CENTRAL SECTOR										
AURAYA GPS	3	111.19	18	4.40	18	01-Jun-19	6.17			RESERVE SHUTDOWN
AURAYA GPS	6	109.30	12	2.90	12	01-Jun-19	6.22			RESERVE SHUTDOWN
AURAYA GPS	4	111.19	18	4.40	18	01-Jun-19	6.33			RESERVE SHUTDOWN
AURAYA GPS	2	111.19	18	4.40	18	30-May-19	18.01			NON AVAILABILITY OF CHEAP GAS
UNCHHAR	3	210.00	27	6.50	27	09-Jun-19	4.00			Annual overhauling for 25 days
ANTA	2	88.71	31	7.50	31	15-Jun-19	6.15			RESERVE SHUTDOWN
ANTA	1	88.71	31	7.50	31	15-Jun-19	6.58			RESERVE SHUTDOWN
ANTA	4	153.20	34	8.20	34	15-Jun-19	7.00			RESERVE SHUTDOWN
ANTA	3	88.71	31	7.50	31	15-Jun-19	7.25			RESERVE SHUTDOWN
Total(A) CENTRAL SECTOR- PLANNED OUTAGE		1072.20	220.00	53.30	220.00					
(B) FORCE OUTAGE										
STATE SECTOR										
GIRAL	2	125.00	70	16.80	70	27-Jun-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
RAJWEST	8	135.00	120	28.68	120	04-Jun-19	17.40			BED MATERIAL LEAKAGE
STPS	6	250.00	229	55.00	229	13-Jun-19	11.51			SUSPECT BOILER TUBE LEAKAGE
Total(B) STATE SECTOR-FORCED OUTAGE		670.00	559.00	134.08	559.00					
CENTRAL SECTOR										
AURAYA GPS	5	109.30	12	2.90	12	30-May-19	16.42			AVR PROBLEM
AURAYA GPS	1	111.19	18	4.40	18	05-Jun-19	22.50			NON AVAILABILITY OF CHEAP GAS
RHAND	4	500.00	59	14.20	59	16-Jun-19	0.48			MAJOR OVERHAULING
Total(B) CENTRAL SECTOR- FORCED OUTAGE		720.49	89.00	21.50	89.00					
G.TOTAL			155.58	648.00						

## 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-Jun-16
RAMGARH	GT3	110.00	100	24.00	100	07-Dec-18
RAMGARH	STG#2	50.00	40	9.60	40	05-Oct-18
RAJWEST	8	135.00	120	28.68	120	04-Jun-19
STPS	6	250.00	229	55.00	229	13-Jun-19
Total(B) STATE SECTOR-FORCED OUTAGE		670.00	559.00	134.08	559.00	
CENTRAL SECTOR						
AURAYA GPS	5	109.30	12	2.90	12	30-May-19
AURAYA GPS	1	111.19	18	4.40	18	05-Jun-19
RHAND	4	500.00	59	14.20	59	16-Jun-19
Total(B) CENTRAL SECTOR- FORCED OUTAGE		720.49	89.00	21.50	89.00	
G.TOTAL			155.58	648.00		

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).