



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

<b>Power Position 21-Jun-19</b>	<b>Point No.</b>
Date-wise Energy Availability, Consumption, Peak Load & Average Frequency	1
Energy Availability / Generation from different Sources	2
System Parameters	3
Water Level of major Reservoirs	4
Position of Coal Stock at KTPS,STPS & CHHABRA	5
Outage of major Generating Units	6

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	2236.68	2206.74	-19.76	60.54	10389	10511	49.97	280.19
19-Jun-19	2522.00	2434.70	2034.30	2253.45	-18.64	41.51	10001	10349	49.98	116.32
20-Jun-19	2497.94	2420.60	2236.17	2448.80	-18.05	4.24	10313	10187	49.98	158.34
21-Jun-19	2469.10	2341.51								
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>2469.10</b>	<b>2305.93</b>	<b>2034.30</b>	<b>2100.77</b>	<b>-29.96</b>	<b>-6.23</b>	<b>10001.00</b>	<b>9461.00</b>	<b>49.94</b>	<b>66.06</b>
AVERAGE	<b>2712.99</b>	<b>2480.00</b>	<b>2551.88</b>	<b>2329.94</b>	<b>-2.89</b>	<b>26.41</b>	<b>11656.75</b>	<b>10803.10</b>	<b>49.99</b>	<b>245.89</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
		20-Jun-19		
1	KTPS (1240/1240)	258.00	258.00	230.42
2	STPS (1500/1500)	262.00	262.00	224.94
3	DHOLPUR GAS CCPP (330/330)	0.00	0.00	0.00
4	RAMGARH (273.5/273.5)	21.00	21.00	19.62
5	RAPP-A(200/200)	35.00	35.00	39.73
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)	297.00	297.00	290.03
10	ADANI (TPS) + KALISINDH (TPS) (1200+1200/1320+1200)	395.00	393.00	338.98
11	WIND FARM (4139.20/4292.95)	119.50	197.00	158.34
12	SOLAR POWER(1661.70/2250.16)	140.97	139.09	156.61
13	CAPTIVE POWER PLANTS	0.00	0.00	0.00
14	REGIONAL (INTRA STATE) O.A.(VLTPS)	0.00	0.00	24.53
15	OPEN ACCESS	0.00	0.00	0.00
16	BIOMASS – (101.95/119.25)	3.00	3.00	3.46
17	BARSINGHSAR LTPS(250/250)	0.00	0.00	0.00
18	RAJWEST (1080/1080)	229.00	201.00	167.71
	<b>TOTAL (A) : 1-18</b>	<b>1760.47</b>	<b>1806.09</b>	<b>1654.37</b>
19	BBMB COMPLEX			
a)	BHAKRA(230.79/1516.3)	45.26	45.41	45.26
b)	DEHAR (198/ 990)	25.75	27.81	26.80
c)	PONG (231.66/396)	17.79	17.70	17.88
	<b>TOTAL : a TO c</b>	<b>88.79</b>	<b>90.92</b>	<b>89.94</b>
20	CENTRAL STATIONS			
d)	SINGRAULI (300/ 2000)+SINGRAULI SHEP (1.87/8.00)	87.54	90.90	89.62
e)	RIHAND (310.24/3000)	102.86	103.58	103.58
f)	UNCHAHAHAR-I(20/420)	4.40	5.57	1.90
g)	UNCHAHAHAR-II& III & IV(135.09/1130)	10.82	36.10	10.39
h)	INDIRA GANDHI STPS(JHAJHAR) 0.00/1500)	0.00	0.00	0.00
i)	NCTPS DADRI St-II ( 43.22/980) + DADRI-TH	12.03	15.24	5.01
j)	DADRI GAS (77/830)	2.41	2.86	1.11
k)	ANTA (83.07/419)	0.00	0.00	0.00
l)	AURAIYA (61.03/663)	1.42	1.53	0.50
m)	NAPP (44/440)	9.02	9.71	9.71
n)	RAPP-B (125/440)	28.59	28.18	28.18
o)	RAPP-C (88/440)	19.17	19.17	19.17
p)	SALAL (20.36/690)	4.78	4.78	4.78
q)	URI (70.37/720)	15.47	16.35	14.71
r)	TANAKPUR (10.86/94)	1.41	1.45	1.21
s)	CHAMERA –I (105.84/540)	17.08	20.12	20.12
t)	CHAMERA-II (29.01/300)	6.74	6.73	6.61
u)	CHAMERA-III (25.21/231)	5.88	5.88	5.88
v)	DHAULIGANGA (27/280)	5.54	4.90	4.32
w)	DULHASTI (42.42/390)	8.11	8.11	8.11
x)	SEWA (13/120)	0.84	1.47	1.47
y)	NJPC (112.00/1500)+RAMPUR(31.808/412.02)	35.80	34.40	32.54
z)	TEHRI (75/1000)	4.42	4.42	4.31
aa)	KOTESHWAR (33.44/400) + PARBATI3 (56.73/520)+KOLDAM (85.73/800)	17.69	18.15	17.32
ab)	TALA	1.14	1.15	0.87
ac)	MUNDRA UMPP (380/4000)	33.15	33.87	32.80
ad)	SASAN (372/3960)	69.13	82.99	76.40
ae)	FRKKA+KHLGN+TLCHR (70.18/3940)	27.24	25.44	19.13
af)	URS POWER(DADRI TH-I)	0.00	0.00	0.00
	TOTAL SCHEDULE(a TO af)	621.48	673.96	609.67
	LOSSES	0.00	0.00	0.00
	NET SCHEDULED	<b>621.48</b>	<b>673.96</b>	<b>609.67</b>
21	BILATERAL (REG.) EXCL. BANKING	26.94	26.30	23.02
22	BANKING	-85.18	-85.18	-85.18
23	BILATERAL(INTER-REG.). EXCLUDING (ISOA & BANKING)	135.31	126.98	126.38
24	INTER STATE OPEN ACCESS (BILATERAL+IEX)	0.00	0.00	-18.97
25	INDIAN ENERGY EXCHANGE	10.08	-55.07	-55.07
	<b>TOTAL(B): (19 TO 25)</b>	<b>708.63</b>	<b>691.85</b>	<b>599.85</b>
	TOTAL GENERATION (A +B) : 1 TO 25			<b>2254.23</b>
	OVER DRAWAL (+)/UNDER DRAWAL (-)			-18.05
	<b>GRAND TOTAL</b>	<b>2469.10</b>	<b>2497.94</b>	<b>2236.17</b>
	LAST YEAR	2341.51	2420.60	2248.79

## 3. SYSTEM PARAMETERS AS ON 20-Jun-19

MAXIMUM DRAWL ON 20-Jun-19	10313 MW at 15.00-15.15 HRS 50.05 HZ
MINIMUM DRAWL ON 20-Jun-19	7833 MW at 04.00-04.15 Hrs 50.00HZ
Max U/D of the day	748 MW at 15.45-16.00 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	7
NO. OF VIOLATION (OD BLOCKS) IN WHICH FREQ. >= 49.7 & <49.9 Hz	4
No. of Blocks in which Freq. >= 49.9 & <50.00 Hz	37
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & <50.00 Hz	3
NO. OF BLOCKS(UD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & <50.00 Hz	11
No. of Blocks in which Freq. >= 50.00 & <50.05 Hz	42
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 50.00 & <50.05 Hz	2
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	9
NO. OF UD BLOCKS IN WHICH FREQ. >= 50.05 & <50.10 Hz	6
No. of Blocks in which Freq. >= 50.10	1
NO. OF VIOLATION(UD BLOCKS) IN WHICH FREQ. >= 50.10	1
AVERAGE FREQ. FOR THE DAY 20-Jun-19	49.98 Hz
Max O/D of the day	509 MW at 00.15-00.30 Hrs 49.82 HZ
Frequency Profile	% of Time
LESS THAN 49.7 HZ	NA
LESS THAN 49.90 HZ	12.80
OPERATING RANGE (49.90 HZ TO 50.05 HZ)	70.50
ABOVE 50.05 HZ	16.70
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.	21-Jun-19	21-Jun-18	20-Jun-19	20-Jun-19
Gandhi Sagar (Ft.)	1312	1250	1247.64	1269.64	NIL	NIL
R.P.Sagar (Ft.)	1157.5	1128	1136.11	1138.14	NIL	NIL
Jawahar Sagar (Ft.)	980	970.4	975.10	976.90	NIL	NIL
Kota Barrage(Ft.)	854.5	852.3	851.90	851.40		
RMC					15	
LMC					NIL	
Bhakra(Ft.)	1690	1462	1605.59	1510.88	35040	24040
Dehar (Ft.)	2941	2900	2925.91	2922.37	7822	8085
Pong(Ft.)	1421	1260	1331.26	1283.92	8011	2353
Mahi-I (Mts.)	281.5	259	267.80	NIL	NIL	NIL
Mahi-II (Mts.)	220.5	217	216.20	NIL	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
21-Jun-19	KTPS	116466	6 DAYS
	STPS	76077	3.5 DAYS
	CHHABRA	188843	14.5 DAYS
	KALISINDH	180525	11 DAYS

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

21-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	
BTFS	1	125.00	110	26.40	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	
STPS	4	250.00	229	55.00	229	15-Jun-19	14.15		BOX UP	
ADANI	1	660.00	600	144.00	600	20-Jun-19	0.06		SHUTDOWN FOR AOH (20 DAYS)	
Total(A) STATE SECTOR- PLANNED OUTAGE		2150.00	1899.00	455.80	1899.00					
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	2	111.19	18	4.40	18	30-May-19	18.01		NON AVAILABILITY OF CHEAP GAS	
UNCHIAR	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	
DADRI TPS	2	210.00	NA	NA	NA	18-Jun-19	0.42		RESERVE SHUTDOWN	
DADRI TPS	3	210.00	NA	NA	NA	18-Jun-19	8.38		RESERVE SHUTDOWN	
AURAYA GPS	4	111.19	18	4.40	18	18-Jun-19	19.03		NON AVAILABILITY OF CHEAP GAS	
Total(A) CENTRAL SECTOR- PLANNED OUTAGE		1492.20	220.00	53.30	220.00					
(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-1	
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	0.00	0	04-Jun-19	17.40	20-Jun-19	13.40	BED MATERIAL LEAKAGE
CHHABRA	3	250.00	225	54.00	225	12-Jun-19	2.50		ABNORMAL SOUND APPEARED AT GENERATOR	
BTFS	2	125.00	110	26.40	110	18-Jun-19	13.19		REFRACTORY DAMAGE	
STPS	6	250.00	229	0.00	0	19-Jun-19	23.22	20-Jun-19	2.11	TRIP DUE TO ELECTRO HYDROLIC CONTROL SYSTEM DISTURB
Total(B) STATE SECTOR-FORCED OUTAGE		1045.00	894.00	130.80	545.00					
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	
RIBAND	2	500.00	59	14.20	59	16-Jun-19	0.48		MAJOR OVERHAULING	
UNCHIAR	6	500.00	NA	NA	NA	20-Jun-19	16.03		BOILER TUBE LEAKAGE	
Total(B) CENTRAL SECTOR-FORCED OUTAGE		720.49	89.00	21.50	89.00					
G.TOTAL				152.30	634.00					

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 (\$).