



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

<b>Power Position 10-Jun-19</b>	<b>Point No.</b>
<b>Date-wise Energy Availability, Consumption, Peak Load &amp; Average Frequency</b>	<b>1</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								
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>2874.90</b>	<b>2680.80</b>	<b>2752.47</b>	<b>2549.75</b>	<b>16.11</b>	<b>61.12</b>	<b>12620.00</b>	<b>11698.00</b>	<b>50.03</b>	<b>327.04</b>
MIN OF THE MONTH	<b>2588.10</b>	<b>2305.93</b>	<b>2599.94</b>	<b>2258.12</b>	<b>-29.64</b>	<b>-6.23</b>	<b>11780.00</b>	<b>10460.00</b>	<b>49.94</b>	<b>66.06</b>
AVERAGE	<b>2758.58</b>	<b>2528.47</b>	<b>2676.53</b>	<b>2437.49</b>	<b>1.15</b>	<b>26.63</b>	<b>12099.78</b>	<b>11165.44</b>	<b>49.98</b>	<b>194.53</b>
MAX.CONSUMPTION TILL DATE DURING THE FY 2019-20 (L.U.)			<b>2752.47</b>				<b>07-Jun-19</b>			
MAX.PEAK LOAD TILL DATE DURING THE FY 2019-20 (MW)			<b>12620</b>				<b>(23.15-23.30 Hrs.)</b>	<b>07-Jun-19</b>		
MAX.CONSUMPTION DURING THE FY 2018-19 (L.U.)			<b>2549.75</b>				<b>05-Jun-18</b>			
MAX.PEAK LOAD DURING THE FY 2018-19 (MW)			<b>13276</b>				<b>(09.30-09.45Hrs.)</b>	<b>28-Dec-18</b>		
MAX.WIND TILL DATE DURING THE YEAR 2019-20 (L.U.)			<b>487.20</b>				<b>08-May-19</b>			
MAX.WIND DURING THE YEAR 2018-19 (L.U.)			<b>565.54</b>				<b>13-Jun-18</b>			

## 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	Prior assessment of Avail. For next Day	Prior assessment of Avail.	Actual Energy Received	Prior assessment of Avail. For next Day	Prior assessment of Avail.	Actual Energy Received
1	KTPS (1240/1240)	252.00	252.00	236.20	252.00	252.00	245.03	252.00	252.00	235.37
2	STPS (1500/1500)	224.00	325.00	262.80	220.00	224.00	219.24	270.00	220.00	207.66
3	DHOLPUR GAS CCPP (330/330)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4	RAMGARH (273.5/273.5)	21.00	21.00	20.12	21.00	21.00	20.01	21.00	21.00	19.93
5	RAPP-A(200/200)	36.00	36.00	39.97	36.00	36.00	38.59	36.00	36.00	39.92
6	MAHI (140/140)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7	CHAMBAL (RPS+JS) (135.5/271)	0.00	0.00	1.99	0.00	0.00	2.99	0.00	0.00	0.00
8	SSCTPS#7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9	CHHABRA TPS (1000/1000)+CSCTPP (660/660)	353.00	353.00	354.78	354.00	353.00	356.15	260.00	354.00	324.10
10	ADANI (TPS) + KALISINDH (TPS) (1200+1200/1320+1200)	558.00	556.00	499.98	542.00	558.00	508.86	540.00	542.00	490.36
11	WIND FARM (4139.20/4292.95)	70.50	23.75	66.06	118.50	70.50	80.33	205.00	118.50	151.80
12	SOLAR POWER(1661.70/2250.16)	171.08	179.06	175.52	175.52	171.08	173.89	173.89	175.52	184.06
13	CAPTIVE POWER PLANTS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
14	REGIONAL (INTRA STATE) O.A.(VLTPS)	0.00	0.00	24.60	0.00	0.00	24.61	0.00	0.00	24.57
15	OPEN ACCESS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
16	BIOMASS – (101.95/119.25)	7.00	7.00	6.69	7.00	7.00	6.72	6.00	7.00	6.16
17	BARSINGHAR LTPS(250/250)	26.00	26.00	26.52	26.00	26.00	26.52	26.00	26.00	26.57
18	RAJWEST (1080/1080)	171.00	143.00	139.63	167.00	171.00	161.89	172.00	167.00	149.04
	<b>TOTAL (A) : 1-18</b>	<b>1889.58</b>	<b>1921.81</b>	<b>1854.86</b>	<b>1919.02</b>	<b>1889.58</b>	<b>1864.82</b>	<b>1961.89</b>	<b>1919.02</b>	<b>1859.54</b>
19	BBMB COMPLEX									
a)	BHAKRA(230.79/1516.3)	45.52	45.49	44.59	44.88	45.52	44.58	44.84	44.88	45.12
b)	DEHAR (198/ 990)	28.23	28.21	27.96	28.22	28.23	28.23	28.25	28.22	28.22
c)	PONG (231.66/396)	18.02	17.88	17.96	18.03	18.02	17.61	17.97	18.03	17.86
	<b>TOTAL : a TO c</b>	<b>91.78</b>	<b>91.57</b>	<b>90.50</b>	<b>91.13</b>	<b>91.78</b>	<b>90.42</b>	<b>91.06</b>	<b>91.13</b>	<b>91.20</b>
20	CENTRAL STATIONS									
d)	SINGRAULI (300/ 2000)+SINGRAULI SHEP (1.87/8.00)	91.85	92.33	97.12	91.11	91.85	91.81	90.46	91.11	90.74
e)	RIHAND (310.24/3000)	123.76	123.76	126.58	123.76	123.76	123.76	123.86	123.76	124.48
f)	UNCHAHAR-I(20/420)	6.81	5.31	4.42	5.80	6.81	7.01	5.64	5.80	3.72
g)	UNCHAHAR-II& III & IV(135.09/1130)	50.63	33.91	29.65	38.10	50.63	50.04	36.62	38.10	24.90
h)	INDIRA GANDHI STPS(JHAJHAR) 0.00/1500)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
i)	NCTPS DADRI St-II ( 43.22/980) + DADRI-TH	18.61	12.15	10.22	17.12	18.61	15.75	15.51	17.12	11.85
j)	DADRI GAS (77/830)	2.81	2.81	2.41	2.40	2.81	2.53	2.60	2.40	1.42
k)	ANTA (83.07/419)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
l)	AURAIYA (61.03/663)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
m)	NAPP (44/440)	8.77	8.77	8.77	8.77	8.77	8.77	0.00	8.77	8.77
n)	RAPP-B (125/440)	28.19	28.02	28.02	27.87	28.19	28.19	27.81	27.87	27.87
o)	RAPP-C (88/440)	18.90	18.90	18.90	18.90	18.90	18.90	18.91	18.90	18.90
p)	SALAL (20.36/690)	4.80	4.80	4.71	4.80	4.80	4.77	4.80	4.80	4.77
q)	URI (70.37/720)	16.37	16.37	16.37	16.37	16.37	16.37	16.36	16.37	16.11
r)	TANAKPUR (10.86/94)	2.33	2.19	2.16	2.22	2.33	2.26	2.23	2.22	2.22
s)	CHAMERA –I (105.84/540)	18.94	21.97	20.87	20.83	18.94	18.94	20.47	20.83	20.83
t)	CHAMERA-II (29.01/300)	6.72	6.72	6.72	6.72	6.72	6.72	6.72	6.72	6.72
u)	CHAMERA-III (25.21/231)	5.86	5.86	5.86	5.86	5.86	5.86	5.86	5.86	5.86
v)	DHAULIGANGA (27/280)	6.17	6.17	6.17	6.17	6.17	6.17	6.18	6.17	6.17
w)	DULHASTI (42.42/390)	4.68	7.84	7.77	4.68	4.68	4.68	4.66	4.68	4.68
x)	SEWA (13/120)	2.09	2.09	2.09	2.09	2.09	2.09	2.10	2.09	2.09
y)	NJPC (112.00/1500)+RAMPUR(31.808/412.02)	35.71	35.71	35.71	35.71	35.71	35.71	35.74	35.71	35.71
z)	TEHRI (75/1000)	5.62	5.67	5.67	5.57	5.62	5.02	4.98	5.57	4.98
aa)	KOTESHWAR (33.44/400 ) + PARBATI3 (56.73/520)+KOLDAM (85.73/800)	21.88	24.16	22.11	19.02	21.88	19.25	18.49	19.02	18.88
ab)	TALA	0.79	0.67	0.71	0.84	0.79	0.92	0.79	0.84	1.03
ac)	MUNDRA UMPP (380/4000)	67.35	68.06	68.06	78.80	67.35	67.67	87.64	78.80	82.38
ad)	SASAN (372/3960)	84.21	83.29	83.01	84.31	84.21	84.21	84.30	84.31	84.31
ae)	FRKKA+KHLGN+TLCHR (70.18/3940)	29.99	30.55	27.81	30.20	29.99	29.79	30.04	30.20	27.15
af)	URS POWER(DADRI TH-I)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	<b>TOTAL SCHEDULE (a TO af)</b>	<b>755.62</b>	<b>739.65</b>	<b>732.38</b>	<b>749.12</b>	<b>755.62</b>	<b>747.62</b>	<b>743.81</b>	<b>749.12</b>	<b>727.75</b>
	LOSSES	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	<b>NET SCHEDULED</b>	<b>755.62</b>	<b>739.65</b>	<b>732.38</b>	<b>749.12</b>	<b>755.62</b>	<b>747.62</b>	<b>743.81</b>	<b>749.12</b>	<b>727.75</b>
21	BILATERAL (REG.) EXCL. BANKING	29.05	26.52	24.95	28.76	29.05	26.54	30.32	28.76	25.75
22	BANKING	-85.28	-85.28	-85.28	-85.28	-85.28	-85.28	-85.25	-85.28	-85.28
23	BILATERAL (INTER-REG.) EXCLUDING (ISOA & BANKING)	136.65	130.93	135.52	134.97	131.79	133.76	136.64	130.11	132.57
24	INTER STATE OPEN ACCESS (BILATERAL+IEX)	0.00	0.00	-36.54	0.00	0.00	-36.57	0.00	0.00	-27.57
25	INDIAN ENERGY EXCHANGE	48.82	136.40	136.40	29.48	48.82	48.82	-15.24	29.48	29.48
	<b>TOTAL (B): (19 TO 25)</b>	<b>884.87</b>	<b>953.09</b>	<b>907.43</b>	<b>857.05</b>	<b>884.87</b>	<b>834.89</b>	<b>810.29</b>	<b>857.05</b>	<b>802.70</b>
	<b>TOTAL GENERATION (A +B) : 1 TO 25</b>			<b>2762.30</b>			<b>2699.71</b>			<b>2662.24</b>
	OVER DRAWAL (+)/UNDER DRAWAL (-)			-9.83			9.89			-4.21
	<b>GRAND TOTAL</b>	<b>2774.44</b>	<b>2874.90</b>	<b>2752.47</b>	<b>2776.07</b>	<b>2774.44</b>	<b>2709.60</b>	<b>2772.17</b>	<b>2776.07</b>	<b>2658.03</b>
	LAST YEAR	2523.32	2513.27	2473.32	2619.15	2523.32	2471.15	2305.93	2619.15	2258.12

## 3. SYSTEM PARAMETERS AS ON 09-Jun-19

MAXIMUM DRAWL ON 09-Jun-19	11992 MW at 23.00 -23.15 HRS 49.92 HZ
MINIMUM DRAWL ON 09-Jun-19	9237 MW at 19.00-19.15 Hrs 50.05 HZ
Max U/D of the day	602 MW at 14.30-14.45 HRS 49.92 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	11
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	43
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & <50.00 Hz	9
NO. OF BLOCKS(UD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & <50.00 Hz	10
No. of Blocks in which Freq. >= 50.00 & <50.05 Hz	34
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	5
No. of Blocks in which Freq. >= 50.05 & <50.10 Hz	8
NO. OF UD BLOCKS IN WHICH FREQ. >= 50.05 & <50.10 Hz	3
No. of Blocks in which Freq. >= 50.10	0
NO. OF VIOLATION(UD BLOCKS)IN WHICH FREQ. >= 50.10	0
AVERAGE FREQ. FOR THE DAY	9-Jun-19 49.98 Hz
Max O/D of the day	496 MW at 23.00-23.15 Hrs 49.92 HZ
Frequency Profile	% of Time
LESS THAN 49.7 HZ	0.30
LESS THAN 49.90 HZ	20.30
OPERATING RANGE (49.90 HZ TO 50.05 HZ)	75.50
ABOVE 50.05 HZ	4.20
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	6
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 (cuses)
	Max.	Min.	10-Jun-19	10-Jun-18		
Gandhi Sagar (Ft.)	1312	1250	NA	1269.56	NA	NA
R.P.Sagar (Ft.)	1157.5	1128	1135.54	1138.81	NIL	NIL
Jawahar Sagar (Ft.)	980	970.4	973.70	976.60	NIL	NIL
Kota Barrage(Ft.)	854.5	852.3	852.10	851.40		
RMC					15	
LMC					NIL	
Bhakra(Ft.)	1690	1462	1610.43	1502.61	34959	27298
Dehar (Ft.)	2941	2900	2937.33	2934.71	8503	8873
Pong(Ft.)	1421	1260	1333.47	1286.45	8005	3185
Mahi-I (Mts.)	281.5	259	267.85	269.20	NIL	NIL
Mahi-II (Mts.)	220.5	217	216.30	217.20	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
10-Jun-19	KTPS	88820	4.5 DAYS
	STPS	212448	9.5 DAYS
	CHHABRA	202374	15.5 DAYS
	KALISINDH	270098	16.5 DAYS

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

10-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
BTSP	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
Total(A) STATE SECTOR- PLANNED OUTAGE		1240.00	1070.00	256.80	1070.00						
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
ANTA GPS	3	88.71	31	7.50	31	31-May-19	4.26				NON AVAILABILITY OF CHEAP GAS
ANTA GPS	2	88.71	31	7.50	31	31-May-19	5.52				NON AVAILABILITY OF CHEAP GAS
AURAYA GPS	2	111.19	18	4.40	18	30-May-19	18.01				NON AVAILABILITY OF CHEAP GAS
ANTA GPS	4	153.20	34	8.20	34	06-Jun-19	6.23				RESERVE SHUTDOWN
Total(B) CENTRAL SECTOR- PLANNED OUTAGE		773.49	162.00	39.30	162.00						
(B) FORCE OUTAGE											
STATE SECTOR											
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
RAMGARHI	GT3	110.00	100	24.00	100	07-Dec-18	20.45				INSUFFICIENT AVAILABILITY OF GAS
RAMGARHI	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
RAJWEST	1	135.00	120	28.68	120	05-Jun-19	7.56				BED MATERIAL LEAKAGE
STPS	6	250.00	229	30.74	0	07-Jun-19	13.37	09-Jun-19	13.25		DUE TO APH MAIN MOTOR PROBLEM
STPS	4	250.00	229	55.00	229	08-Jun-19	5.55				DUE TO FLAME FAILURE
CSCPP	6	660.00	600	25.40	0	09-Jun-19	19.28	09-Jun-19	23.42		PA FAN VIBRATION HIGH DUE TO CARD PROBLEM
CSCPP	6	660.00	600	118.80	600	10-Jun-19	4.12				AC SUPPLY FAILURE
Total(B) STATE SECTOR-FORCED OUTAGE		2375.00	2108.00	337.70	1279.00						
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
Total(B) CENTRAL SECTOR-FORCED OUTAGE		220.49	30.00	7.30	30.00						
G.TOTAL			345.00	1309.00							

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 (\$).