



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

<b>Power Position 02-Aug-17</b>	<b>Point No.</b>
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1. Date-Wise Energy Availability, Consumption,OD(+)/UD(-), Peak Load, Avg. Frequency,Wind Gen. –JUNE- 2017

Date	Anticipated Availability (In LU)		Consumption (In LU)		OD(+)/UD(-) (In LU)		Peak Load (In MW)		Average freq. (In Hz)	WIND (In LU)
	2017	2016	2017	2016	2017	2016	2017	2016	2017	2017
Aug-17	<b>1809.65</b>	1800.23	<b>1534.97</b>	<b>1554.82</b>	<b>12.04</b>	<b>7.12</b>	<b>7350</b>	<b>6860</b>	<b>49.97</b>	<b>350.64</b>
01-Aug-17	1809.65	1800.23	1534.97	1554.82	12.04	7.12	7350	6860	49.97	350.64
02-Aug-17	1764.56	<b>1815.96</b>								
03-Aug-17										
04-Aug-17										
05-Aug-17										
06-Aug-17										
07-Aug-17										
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25-Aug-17										
26-Aug-17										
27-Aug-17										
28-Aug-17										
29-Aug-17										
30-Aug-17										
31-Aug-17										
01-Sep-17										
MAXIMUM OF THE MONTH	<b>1809.65</b>	<b>1815.96</b>	<b>1534.97</b>	<b>1554.82</b>	<b>12.04</b>	<b>7.12</b>	<b>7350.00</b>	<b>6860.00</b>	<b>49.97</b>	<b>350.64</b>
MIN OF THE MONTH	<b>1764.56</b>	<b>1800.23</b>	<b>1534.97</b>	<b>1554.82</b>	<b>12.04</b>	<b>7.12</b>	<b>7350.00</b>	<b>6860.00</b>	<b>49.97</b>	<b>350.64</b>
AVERAGE	<b>1863.74</b>	<b>1877.40</b>	<b>1534.97</b>	<b>1554.82</b>	<b>12.04</b>	<b>7.12</b>	<b>7350.00</b>	<b>6860.00</b>	<b>49.97</b>	<b>350.64</b>
MAX.CONSUMPTION TILL DATE DURING THE FY 2017-18 (L.U.)							2211.92	06-Jun-17		
MAX.PEAK LOAD TILL DATE DURING THE FY 2017-18 (MW)							10347	(23.15-23.30 Hrs.)	06-Jun-17	
MAX.CONSUMPTION DURING THE FY 2016-17 (L.U.)							2114.62	20-Sep-16		
MAX.PEAK LOAD DURING THE FY 2016-17 (MW)							9906	(07.00-07.15Hrs.)	ON 16-02-17	
MAX.WIND TILL DATE DURING THE YEAR 2017-18 (L.U.)							482.76	04-Jul-17		
MAX.WIND DURING THE YEAR 2016-17 (L.U.)							413.67	06-Jul-16		

## 2. Anticipated Availability/Generation From Different Sources

(In LU)

S.No.	Sources Available to Rajasthan / Installed Capacity as on 30.09.2016 (In MW)	Prior assessment of Avail. For next Day	Prior assessment of Avail.	Actual Energy Received
		1-Aug-17		
1	KTPS (1240/1240)	42.00	42.00	35.93
2	STPS (1500/1500)	55.00	55.00	44.90
3	DHOLPUR GAS CCGP (330/330)	0.00	0.00	0.00
4	RAMGARH (273.5/273.5)	47.00	46.00	46.11
5	RAPP-A(200/200)	36.00	36.00	40.30
6	MAHI (140/140)	0.00	0.00	0.00
7	CHAMBAL (RPS+JS) (135.5/271)	0.00	0.00	1.79
8	GIRAL LIGNITE (250/250)	0.00	0.00	0.00
9	CHHABRA TPS 1000/1000)	108.00	162.00	186.63
10	ADANI (TPS) + KALISINDH (TPS) (1200+1200/1320+1200)	288.00	288.00	232.52
11	WIND FARM (3980.40/4119.15)	373.00	357.00	350.64
12	SOLAR POWER(737.70/1295.70)	0.00	0.00	0.00
13	CAPTIVE POWER PLANTS	0.00	0.00	0.00
14	REGIONAL (INTRA STATE) O.A.(VLTPS)	0.00	0.00	0.00
15	OPEN ACCESS	-66.99	-62.26	-62.26
16	BIOMASS – (101.95/119.25)	2.00	3.00	1.58
17	BARSINGHSAR LTPS(250/250)	25.00	25.00	25.15
18	RAJWEST (1080/1080)	229.00	229.00	139.45
	<b>TOTAL (A) : 1-18</b>	<b>1138.01</b>	<b>1180.74</b>	<b>1042.74</b>
19	BBMB COMPLEX			
a)	BHAKRA(230.79/1516.3)	34.37	35.18	34.85
b)	DEHAR (198/ 990)	4.74	29.26	22.08
c)	PONG (231.66/396)	22.83	22.64	19.31
	<b>TOTAL : a TO c</b>	<b>61.94</b>	<b>87.08</b>	<b>76.24</b>
20	CENTRAL STATIONS			
d)	SINGRAULI (300/ 2000)	89.91	82.36	53.98
e)	RIHAND (310.24/3000)	117.86	117.49	102.41
f)	UNCHAHAHAR-I(20/420)	0.35	0.02	1.41
g)	UNCHAHAHAR-II& III(61/630)	1.38	1.22	5.76
h)	INDIRA GANDHI STPS(JHAJHAR) 0.00/1500)	0.00	0.00	0.00
i)	NCTPS DADRI St-II ( 43.22/980) + DADRI-TH	0.72	0.00	2.69
j)	DADRI GAS (77/830)	0.20	2.32	1.30
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)	9.26	9.14	9.14
n)	RAPP-B (125/440)	31.09	31.09	31.09
o)	RAPP-C (88/440)	20.00	20.00	20.00
p)	SALAL (20.36/690)	4.70	0.95	1.78
q)	URI (70.37/720)	16.34	16.75	16.06
r)	TANAKPUR (10.86/94)	2.47	2.51	2.47
s)	CHAMERA –I (105.84/540)	25.15	25.15	25.15
t)	CHAMERA-II (29.01/300)	6.96	6.00	5.61
u)	CHAMERA-III (25.21/231)	6.02	6.02	6.02
v)	DHAULIGANGA (27/280)	6.50	6.50	6.50
w)	DULHASTI (42.42/390)	6.74	7.40	7.40
x)	SEWA (13/120)	3.28	3.28	3.28
y)	NJPC (112.00/1500)+RAMPUR(31.808/412.02)	20.97	34.57	8.69
z)	TEHRI (75/1000)	16.96	16.65	16.65
aa)	KOTESHWAR (33.44/400 ) + PARBATI3 (56.73/520)	20.40	29.81	34.69
ab)	TALA	3.61	3.33	3.33
ac)	MUNDRA UMPP (380/4000)	87.19	68.66	39.36
ad)	SASAN (372/3960)	63.41	42.00	25.78
ae)	FRKKA+KHLGN+TLCHR (70.18/3940)	2.33	13.56	9.82
af)	URS POWER(DADRI TH-I)	0.00	0.00	0.00
	TOTAL SCHEDULE(a TO af)	625.73	633.87	516.64
	LOSSES	-7.59	-20.55	-16.56
	NET SCHEDULED	<b>618.15</b>	<b>613.32</b>	<b>500.08</b>
21	BILATERAL (REG.) EXCL. BANKING	19.73	26.41	8.80
22	BANKING	-12.15	-12.15	-12.15
23	BILATERAL(INTER-REG.). EXCLUDING (ISOA & BANKING)	115.29	88.71	70.51
24	INTER STATE OPEN ACCESS (BILATERAL+IEX)	66.99	62.26	62.26
25	INDIAN ENERGY EXCHANGE	-181.46	-149.32	-149.32
	<b>TOTAL(B): (19 TO 25)</b>	<b>626.55</b>	<b>628.91</b>	<b>480.19</b>
	TOTAL GENERATION (A +B) : 1 TO 25			<b>1522.93</b>
	OVER DRAWAL (+)/UNDER DRAWAL (-)			12.04
	<b>GRAND TOTAL</b>	<b>1764.56</b>	<b>1809.65</b>	<b>1534.97</b>
	LAST YEAR	1815.96	1800.23	1554.83

3. SYSTEM PARAMETERS AS ON 01-Aug-17

MAXIMUM DRAWL ON 01-Aug-17	7350 MW at 23.15-23.30 Hrs 50.00 Hz
MINIMUM DRAWL ON 01-Aug-17	5689 MW at 13.15-13.30 Hrs 50.04 Hz
Max U/D of the day	405 MW at 08.15-08.30 Hrs 50.00 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	5
NO. OF VIOLATION (OD BLOCKS) IN WHICH FREQ. >= 49.7 & <49.9 Hz	3
No. of Blocks in which Freq. >= 49.9 & <50.00 Hz	58
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & <50.00 Hz	10
NO. OF BLOCKS(UD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & <50.00 Hz	3
No. of Blocks in which Freq. >= 50.00 & <50.05 Hz	29
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	3
No. of Blocks in which Freq. >= 50.05 & <50.10 Hz	4
NO. OF UD BLOCKS IN WHICH FREQ. >= 50.05 & <50.10 Hz	2
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 1-Aug-17	49.97 Hz
Max O/D of the day	526 MW at 04.00-04.15 Hrs 49.98 Hz
Frequency Profile	% of Time
LESS THAN 49.7 HZ	0.00
LESS THAN 49.90 HZ	9.77
OPERATING RANGE (49.90 HZ TO 50.05 HZ)	77.16
ABOVE 50.05 HZ	13.07
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	29
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-Aug-17	2-Aug-16	1-Aug-17	1-Aug-17	1-Aug-17	1-Aug-17
Gandhi Sagar (Fl.)	1312	1250	1296.93	1289.21	N/A	N/A	1935	1935
R.P.Sagar (Fl.)	1157.5	1128	1144.49	1150.96	N/A	N/A	5034	5034
Jawahar Sagar (Fl.)	980	970.4	971.70	975.70	952	NIL	NIL	NIL
Kota Barrage(Fl.)	854.5	852.3	850.00	851.30				
RMC					NIL	NIL		
LMC					NIL	NIL		
Bhakra(Fl.)	1690	1462	1618.98	1596.78	25258	55597		
Dehar (Fl.)	2941	2900	2920.40	2922.90	8397	26737		
Pong(Fl.)	1421	1260	1340.02	1324.48	10013	39009		
Mahi-I (Mts.)	281.5	259	277.60	273.40	N/A	10490		
Mahi-II (Mts.)	220.5	217	218.70	217.10	N/A	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-Aug-17	KTPS	298396	15 days
	STPS	91692	3.5 days
	CHHABRA	111494	15 days
	KALISINDH	206210	14.5 days

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

2-Aug-17

(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	70	16.80	70	11-Jul-14	8.20			BED MATERIAL LEAKAGE (SD W.E.F.15.07.14)	
DCCPP	HRS01	55.00	50	12.00	50	03-Oct-15	22.35			DESYNCHRONIZED DUE TO LESS ALLOCATION OF GAS (PERMISSION NOT GRANTED BY RUVNL)	
DCCPP	GT01	110.00	100	24.00	100	08-May-16	11.05			MT AFTER CARRYING OUT PSS TUNING WORK (PERMISSION TAKEN FOR TEST RUN OF 91.90 HRS. ON DT. 08.05.16)	
DCCPP	HRS02*	55.00	50	12.00	50	13-Jul-16	16.35			BOXED UP	
DCCPP	GT02*	110.00	100	24.00	100	13-Jul-16	16.40			BOXED UP	
STPS	5*	250.00	229	55.00	229	10-May-17	17.00			BOXED UP	
STPS	6*	250.00	229	55.00	229	16-May-17	21.41			BOXED UP	
KTPS	4*	210.00	192	46.00	192	20-Jun-17	12.06			BOXED UP/SHUT DOWN TAKEN AT 07.00 HRS/14.07.17 BY KTPS	
KALISINDH	1*	600.00	565	135.60	565	29-Jun-17	12.44			BOXED UP/SHUT DOWN TAKEN AT 06.40 HRS/18.07.17 FOR 10 DAYS BY KALISINDH	
STPS	2*	250.00	229	55.00	229	04-Jul-17	14.22			DESYNCHRONISED/AGAINST STPS#1 WHICH WAS BOXED-UP	
STPS	1	250.00	229	0.00	0	13-Jul-17	3.17	01.08.17	12.39	DESYNCHRONISED DUE TO STEAM LEAKAGE IN BOILER DRUM (PERMISSION NOT GRANTED BY RUVNL ON DT. 15.07.17)	
STPS	3*	250.00	229	55.00	229	16-Jul-17	18.18			BOXED UP	
KTPS	5	210.00	192	46.00	192	19-Jul-17	3.01			DESYNCHRONISED DUE TO CLEANING OF CONDENSER/PERMISSION NOT GRANTED BY RUVNL ON DT. 19.07.17 W.E.F. 16.43 HRS	
KTPS	2*	110.00	100	23.00	100	21-Jul-17	12.46			BOXED UP	
KTPS	1*	110.00	100	23.00	100	21-Jul-17	12.48			BOXED UP	
KTPS	3*	210.00	192	46.00	192	22-Jul-17	12.48			BOXED UP	
KTPS	6*	195.00	175	42.00	175	31-Jul-17	8.21			BOXED UP	
KALISINDH	2*	600.00	565	135.60	565	31-Jul-17	12.00			BOXED UP	
CHHABRA	2	250.00	225	54.00	225	28-Jul-17	13.52			TRIP WITH 400 KV CTPP-HINDAUN/PERMISSION NOT GRANTED BY RUVNL ON DT. 31.07.17	
CHHABRA	1	250.00	225	54.00	225	01-Aug-17	11.37			BOXED UP	
STPS	4*	250.00	229	55.00	229	01-Aug-17	15.22			DESYNCHRONISED/AGAINST STPS#1 WHICH WAS BOXED-UP	
Total(A) STATE SECTOR- PLANNED OUTAGE											
		4700.00	4275.00	969.00	4046.00						

CENTRAL SECTOR

DADRI	GT04	130.19	22	5.30	22	06-Apr-17	0.23			LESS GAS AVAILABILITY
DADRI	GT06	154.51	16	3.90	16	06-Apr-17	21.18			LESS GAS AVAILABILITY
DADRI	GT03	130.19	22	5.30	22	06-Apr-17	21.27			LESS GAS AVAILABILITY
AURAIYA	GT04	111.19	18	4.40	18	07-May-17	22.03			LESS GAS AVAILABILITY
AURAIYA	GT06	109.30	12	2.90	12	12-May-17	21.05			LESS GAS AVAILABILITY
AURAIYA	GT03	111.19	18	4.40	18	12-May-17	21.13			LESS GAS AVAILABILITY
AURAIYA	GT02	111.19	18	4.40	18	30-May-17	5.06			LESS GAS AVAILABILITY
AURAIYA	GT05	109.30	12	2.90	12	30-May-17	5.15			LESS GAS AVAILABILITY
AURAIYA	GT01	111.19	18	4.40	18	30-May-17	5.22			LESS GAS AVAILABILITY
ANTA	GT03	88.71	31	7.50	31	08-Jun-17	12.16			LESS GAS AVAILABILITY
ANTA	GT02	88.71	31	7.50	31	09-Jun-17	21.51			LESS GAS AVAILABILITY
ANTA	GT04	153.20	34	8.20	34	09-Jun-17	22.05			LESS GAS AVAILABILITY
ANTA	GT01	88.71	31	7.50	31	09-Jun-17	22.31			LESS GAS AVAILABILITY
RHAND	6	590.00	70	16.80	70	03-Jul-17	0.02	31-Jul-17	1.32	UNIT ON OVERHAULING
Total(A) CENTRAL SECTOR- PLANNED OUTAGE										
		1997.58	353.00	85.40	353.00					

(B) FORCED OUTAGE

STATE SECTOR

STATE SECTOR										
GIRAL	2	125.00	70	16.80	70	27-Jun-16	15.27	30-Aug-17		DESYNCHRONIZED DUE TO ATTEND TUBE LEAKAGE IN ASH COOLAR-I
RAMGARH	GT01	37.50	29	7.80	29	01-Jul-17	12.19	05-Aug-17		HIGH VIBERATION
BARINGSAR	1	125.00	110	26.40	110	28-Jul-17	4.51	12-Aug-17		REFRACTORY PROBLEM
RAJWEST	8	135.00	120	0.00	0	28-Jul-17	23.31	01-Aug-17	1.14	DESYNCHRONIZED DUE TO COAL FEEDING PROBLEM CAUSED BY HEAVY RAIN
Total(B) STATE SECTOR-FORCED OUTAGE										
		422.50	329.00	50.20	209.00					

CENTRAL SECTOR

STPP(HAJHAR)	2	590.00	5	1.20	5	23-Jul-17	2.45			BOILER TUBE LEAKAGE
Total(B) CENTRAL SECTOR- FORCED OUTAGE										
		500.00	5.00	1.20	5.00					
<b>G.TOTAL</b>				<b>51.40</b>	<b>214.00</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 (\$).