



**2. Anticipated Availability/Generation From Different Sources**  
(In LU)

S.No.	Sources Available to Rajasthan / Installed Capacity as on 31.03.2018 (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)	224.00	224.00	220.75	268.00	224.00	241.99	270.00	268.00	264.82
2	STPS (1500/1500)	327.00	327.00	302.75	327.00	327.00	319.38	327.00	327.00	303.26
3	DHOLPUR GAS CCGP (330/330)	0.00	0.00	4.40	0.00	0.00	3.51	0.00	0.00	3.75
4	RAMGARH (273.5/273.5)	38.00	41.00	42.50	38.00	38.00	36.62	45.00	38.00	43.47
5	RAPP-A(200/200)	43.00	43.00	39.83	37.00	43.00	40.13	37.00	37.00	40.29
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	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8	GIRAL LIGNITE (250/250)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9	CHHABRA TPS 1000/1000)	164.00	166.00	166.88	164.00	164.00	166.12	164.00	164.00	164.78
10	ADANI (TPS) + KALISINDH (TPS) (1200+1200/1320+1200)	139.00	242.00	235.38	242.00	139.00	211.43	242.00	242.00	236.51
11	WIND FARM (4137.20/4290.95)	118.00	105.50	120.13	77.00	118.00	140.54	23.50	77.00	65.80
12	SOLAR POWER(1656.70/2246.21)	78.29	78.71	86.93	86.93	78.29	85.42	85.42	86.93	91.60
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	0.00	0.00	0.00	0.00	0.00	0.00	0.00
15	OPEN ACCESS	44.15	36.90	37.08	35.20	44.15	44.21	34.49	35.20	35.02
16	BIOMASS – (101.95/119.25)	6.00	5.00	5.84	5.00	6.00	4.56	4.00	5.00	4.27
17	BARSINGHAR LTPS(250/250)	52.00	52.00	46.48	52.00	52.00	51.04	52.00	52.00	51.76
18	RAJWEST (1080/1080)	201.00	206.00	206.20	201.00	201.00	204.95	172.00	201.00	186.01
	<b>TOTAL (A) : 1-18</b>	<b>1434.44</b>	<b>1527.12</b>	<b>1515.13</b>	<b>1533.13</b>	<b>1434.44</b>	<b>1549.90</b>	<b>1456.41</b>	<b>1533.13</b>	<b>1491.34</b>
19	BBMB COMPLEX									
a)	BHAKRA(230.79/1516.3)	23.31	23.76	23.10	23.29	23.31	23.38	23.59	23.29	23.55
b)	DEHAR (198/ 990)	22.78	22.88	21.83	24.70	22.78	23.61	21.92	24.70	20.77
c)	PONG (231.66/396)	8.25	9.47	9.47	9.36	8.25	9.43	9.41	9.36	9.08
	<b>TOTAL : a TO c</b>	<b>54.34</b>	<b>56.10</b>	<b>54.40</b>	<b>57.35</b>	<b>54.34</b>	<b>56.42</b>	<b>54.92</b>	<b>57.35</b>	<b>53.40</b>
20	CENTRAL STATIONS									
d)	SINGRAULI (300/ 2000)	87.22	87.40	87.27	86.81	87.22	87.28	86.71	86.81	86.86
e)	RIHAND (310.24/3000)	103.04	101.70	105.34	101.34	103.04	101.86	102.87	101.34	103.17
f)	UNCHAHAAR-I(20/420)	6.97	6.68	26.40	6.97	6.97	10.86	6.96	6.97	7.81
g)	UNCHAHAAR-II& III & IV(135.09/1130)	25.76	24.65	40.71	25.76	25.76	29.63	25.72	25.76	27.28
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	5.75	9.65	10.20	9.44	5.75	8.19	38.74	9.44	13.55
j)	DADRI GAS (77/830)	2.16	1.60	1.51	2.16	2.16	3.87	6.06	2.16	3.71
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)	4.15	4.84	4.84	4.25	4.15	4.15	4.84	4.25	4.25
n)	RAPP-B (125/440)	28.95	28.95	28.95	29.11	28.95	28.95	28.98	29.11	29.11
o)	RAPP-C (88/440)	18.63	0.00	0.00	18.63	18.63	18.63	18.60	18.63	18.63
p)	SALAL (20.36/690)	3.00	3.07	3.31	2.87	3.00	2.88	3.44	2.87	3.26
q)	URI (70.37/720)	16.16	16.16	16.17	16.16	16.16	15.91	16.13	16.16	16.17
r)	TANAKPUR (10.86/94)	0.96	0.96	1.11	0.96	0.96	1.05	0.96	0.96	1.00
s)	CHAMERA –I (105.84/540)	13.68	12.91	13.64	13.68	13.68	13.67	13.65	13.68	13.68
t)	CHAMERA-II (29.01/300)	6.65	6.50	6.65	6.65	6.65	6.65	6.13	6.65	6.55
u)	CHAMERA-III (25.21/231)	4.44	4.86	5.13	4.76	4.44	5.35	4.51	4.76	4.88
v)	DHAULIGANGA (27/280)	3.34	3.34	3.13	3.34	3.34	3.34	3.21	3.34	2.97
w)	DULHASTI (42.42/390)	9.78	9.78	9.78	9.78	9.78	9.78	9.76	9.78	9.78
x)	SEWA (13/120)	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63
y)	NJPC (112.00/1500)+RAMPUR(31.808/412.02)	18.02	18.57	18.67	19.04	18.02	19.04	18.65	19.04	19.04
z)	TEHRI (75/1000)	3.03	2.52	3.04	2.83	3.03	3.03	2.82	2.83	2.83
aa)	KOTESHWAR (33.44/400 ) + PARBATI3 (56.73/520)	10.14	10.13	10.60	9.92	10.14	10.49	10.17	9.92	10.41
ab)	TALA	1.69	1.25	1.25	1.46	1.69	1.69	1.37	1.46	1.46
ac)	MUNDRA UMPP (380/4000)	68.28	68.28	68.28	68.28	68.28	68.28	68.22	68.28	68.28
ad)	SASAN (372/3960)	84.27	69.94	78.70	84.27	84.27	77.92	82.36	84.27	84.27
ae)	FRKA+KHLGN+TLCHR (70.18/3940)	22.99	22.99	22.99	22.76	22.99	22.77	22.95	22.76	22.32
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>604.02</b>	<b>573.48</b>	<b>622.67</b>	<b>609.17</b>	<b>604.02</b>	<b>612.33</b>	<b>639.34</b>	<b>609.17</b>	<b>615.29</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>604.02</b>	<b>573.48</b>	<b>622.67</b>	<b>609.17</b>	<b>604.02</b>	<b>612.33</b>	<b>639.34</b>	<b>609.17</b>	<b>615.29</b>
21	BILATERAL (REG.) EXCL. BANKING	10.51	11.23	10.54	11.23	10.51	10.51	10.73	11.23	11.23
22	BANKING	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23	BILATERAL(INTER-REG.), EXCLUDING (ISOA & BANKING)	102.23	92.88	101.15	102.23	91.76	102.23	102.13	91.61	102.23
24	INTER STATE OPEN ACCESS (BILATERAL+IEX)	-44.15	-36.90	-37.08	-35.20	-44.15	-44.21	-34.49	-35.20	-35.02
25	INDIAN ENERGY EXCHANGE	84.28	88.40	88.40	116.68	84.28	84.28	104.98	116.68	116.68
	<b>TOTAL(B): (19 TO 25)</b>	<b>756.90</b>	<b>738.44</b>	<b>785.70</b>	<b>804.11</b>	<b>756.90</b>	<b>765.14</b>	<b>822.70</b>	<b>804.11</b>	<b>810.41</b>
	<b>TOTAL GENERATION (A + B) : 1 TO 25</b>			<b>2300.83</b>			<b>2315.04</b>			<b>2301.75</b>
	OVER DRAWAL (+)/UNDER DRAWAL (-)			49.81			32.43			44.61
	<b>GRAND TOTAL</b>	<b>2191.33</b>	<b>2265.55</b>	<b>2350.64</b>	<b>2337.24</b>	<b>2191.33</b>	<b>2347.47</b>	<b>2279.11</b>	<b>2337.24</b>	<b>2346.36</b>
	LAST YEAR	2127.12	1994.66	1917.16	2248.99	2127.12	2099.33	2391.45	2248.99	2144.66

## 3. SYSTEM PARAMETERS AS ON 27-May-18

MAXIMUM DRAWL ON 27-May-18	10766 MW at 7.15-7.30 Hrs 50.02 HZ
MINIMUM DRAWL ON 27-May-18	0 MW at 20.00-20.15 Hrs 0 HZ
Max U/D of the day	288 MW at 13.00-13.30Hrs 49.92 HZ
Max. O/D below 49.7 Hz	MW at
No. of Blocks Freq. < 49.7 Hz	16
No. of Violation Blocks Freq. < 49.7 Hz	0
No. of Blocks in which Freq. >= 49.7 & <49.9 Hz	10
NO. OF VIOLATION (OD BLOCKS) IN WHICH FREQ. >= 49.7 & <49.9 Hz	9
No. of Blocks in which Freq. >= 49.9 & <50.0 Hz	49
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & <50.0 Hz	28
NO. OF BLOCKS(UD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & <50.0 Hz	2
No. of Blocks in which Freq. >= 50.00 & <50.05 Hz	19
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 50.00 & <50.05 Hz	4
NO. OF BLOCKS(UD ABOVE 250 MW) IN WHICH FREQ. >= 50.00 & <50.05 Hz	0
No. of Blocks in which Freq. >= 50.05 & <50.10 Hz	2
NO. OF UD BLOCKS IN WHICH FREQ. >= 50.05 & <50.10 Hz	1
No. of Blocks in which Freq. >= 50.10	0
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.	28-May-18	28-May-17		
Gandhi Sagar (Ft.)	1312	1250	NA	1295.36	NIL	NA
R.P.Sagar (Ft.)	1157.5	1128	1139.08	1136.92	NIL	NIL
Jawahar Sagar (Ft.)	980	970.4	975.00	975.60	NIL	NIL
Kota Barrage(Ft.)	854.5	852.3	851.60	852.70		
RMC					20	
LMC					NIL	
Bhakra(Ft.)	1690	1462	1494.40	1547.18	19670	15267
Dehar (Ft.)	2941	2900	2920.07	2926.96	5750	5595
Pong(Ft.)	1421	1260	1286.90	1294.55	5003	1010
Mahi-I (Mts.)	281.5	259	269.50	269.60	NIL	NIL
Mahi-II (Mts.)	220.5	217	217.40	218.20	NIL	NIL

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

AVERAGE FREQ. FOR THE DAY	27-May-18	Date	Name of Station	Stock at 00.00 hrs. (MT)	Coal stock sufficient for No. of days
Max O/D of the day	600 MW at 15.15-15.45 Hrs 49.99 HZ	28-May-18	KTPS	49621	2.5 DAYS
Frequency Profile	% of Time				
LESS THAN 49.7 HZ	0.00				
LESS THAN 49.90 HZ	40.60				
OPERATING RANGE (49.90 HZ TO 50.05 HZ)	56.20				
ABOVE 50.05 HZ	3.20				
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	38	28-May-18	STPS	27614	1 DAY
No. of 132 KV Feeders Disconnected	0				
		28-May-18	CHHABRA	181793	24 DAYS
		28-May-18	KALISINDH	79273	5.5 DAYS

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

28-May-18

## (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	16.8	70	11-Jul-14	8.20			BED MATERIAL LEAKAGE (S/D W.E.F.15.07.14)
DCCPP	HRSG#2*	55.00	50	12.0	50	13-Jul-16	16.35			BOXED UP(PERMISSION GIVEN BY RU/VN ON DATE 17.08.17 BUT PROBLEM IN DCCPP END )
DCCPP	GT#2*	110.00	100	24.0	100	13-Jul-16	16.40			BOXED UP(PERMISSION GIVEN BY RU/VN ON DATE 17.08.17 BUT PROBLEM IN DCCPP END )
Total(A) STATE SECTOR-PLANNED OUTAGE		290.00	220.00	52.80	220.00					
CENTRAL SECTOR										
DADRI GPS	4	130.19	22	5.3	22	18-Oct-17	6.00			RESERVE SHUTDOWN
DADRI GPS	6	154.00	22	5.3	22	25-Oct-17	22.22			RESERVE SHUTDOWN
DADRI GPS	3	130.00	22	5.3	22	25-Oct-17	22.30			RESERVE SHUTDOWN
AURAIYA GPS	1	111.19	18	4.4	18	28-Jan-18	5.51			RESERVE SHUTDOWN
ANTA GPS	3	88.71	31	7.5	31	09-Mar-18	4.54			RESERVE SHUTDOWN
ANTA GPS	1	88.71	31	7.5	31	09-Mar-18	5.31			RESERVE SHUTDOWN
RHAND	3	500.00	58	13.8	58	10-May-18	0.50			ANNUAL MAINTENANCE
AURAIYA GPS	4	111.00	18	4.4	18	16-May-18	23.33			RESERVE SHUTDOWN
AURAIYA GPS	3	111.19	18	4.4	18	16-May-18	23.51			RESERVE SHUTDOWN
Total(A) CENTRAL SECTOR-PLANNED OUTAGE		1424.99	240.00	57.90	240.00					

## (B) FORCED OUTAGE

STATE SECTOR											
NAME OF STATION	UNIT OUT	INSTALLED CAPACITY	NET ALLOC/AVAIL (MW)			DATE	TIME				REASON OF OUTAGE
GIRAL	2	125.00	70	17	70	27-Jan-16	15.27				DESYNCHRONIZED DUE TO ATTEND TUBE LEAKAGE IN ASH COOL-AR#1
KALISINDH	2	600.00	475	136	475	07-Apr-18	17.31				DUE TO GENERATOR TRIP TRIP
ADANI	2	600.00	600	144	600	29-Apr-18	7.33				DUE TO CONDENSER TUBE LEAKAGE
DCCPP	HRSG#1	55.00	50	12	50	19-May-18	16.57				NON AVAILABILITY OF GAS
CHHABRA	2	250.00	225	54	225	25-May-18	1.15				SHORTAGE OF WATER
RAJWEST	3	135.00	120	29	120	25-May-18	5.09				BED MATERIAL LEAKAGE
RAMGARH	STG#2	50.00	40	10	40	26-May-18	5.00				heavy leakage in HPBFP recirculation line
KTPS	3	210.00	192	0	0	26-May-18	19.54	27-May-18	1.12		HIGH TURBINE VIBRATION
RAJWEST	2	135.00	120	29	120	27-May-18	11.31				BED MATERIAL LEAKAGE
Total(B) STATE SECTOR-FORCED OUTAGE		2220.00	1891.00	429.34	1699.00						
CENTRAL SECTOR											
UNCHAHAR	6	500.00	NA	NA	NA	01-Nov-17	15.40				FURNISH PRESSURE HIGH
ISTPP(JHAJHAR)	2	500.00	5	1.2	5	05-Apr-18	0.17				AMP/OVERHAULING
AURAIYA GPS	5	111.00	18	4.4	18	06-May-18	3.23				DRUM VIBRATION
ANTA GPS	4	153.20	34	8.2	34	19-May-18	6.51				Fuel Shortage due to unavailability of naphtha fuel and no allocation of RLNG or cheap gas.
ANTA GPS	2	88.71	31	7.5	31	19-May-18	7.29				Fuel Shortage due to unavailability of naphtha fuel and no allocation of RLNG or cheap gas.
Total(B) CENTRAL SECTOR-FORCED OUTAGE		1352.91	88.00	21.30	88.00						
<b>G.TOTAL</b>			<b>450.64</b>	<b>1787.00</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).