



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

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1. Date-Wise Energy Availability, Consumption,OD(+)/UD(-), Peak Load, Avg. Frequency,Wind Gen. -MAY- 2018

Date	Anticipated Availability (In LU)		Consumption (In LU)		OD(+)/UD(-) (In LU)		Peak Load (In MW)		Average freq. (In Hz)	WIND (in LU)
	2018	2017	2018	2017	2018	2017	2018	2017	2018	2018
May-18										
01-May-18	2221.10	1837.16	2073.14	1833.87	25.25	22.71	9787	8892	50.00	346.11
02-May-18	2201.11	1849.34	2033.88	1823.88	40.17	28.21	9769	8587	50.02	257.78
03-May-18	2116.68	1603.25	1944.39	1665.23	22.24	49.01	9102	7838	50.01	143.70
04-May-18	2013.93	1782.60	2065.22	1919.59	46.27	38.13	9513	8953	49.94	65.13
05-May-18	2135.51	1979.93	2132.98	1990.19	17.22	1.86	9847	9488	49.92	176.33
06-May-18	2105.24	2125.12	2091.52	1982.31	-15.35	1.49	9830	9243	49.97	390.45
07-May-18	2279.26	2152.19	2069.07	1889.27	9.10	16.89	9791	8986	49.94	225.74
08-May-18	2102.96	1981.55	1904.55	1900.90	16.20	19.13	9152	8876	49.95	105.71
09-May-18	2104.03	2127.50	2081.56	1957.52	38.48	12.93	9916	9083	49.94	62.74
10-May-18	2017.42	2135.63	2114.70	1929.02	67.29	20.60	9842	8866	49.90	79.21
11-May-18	2147.62	2145.59	2266.35	1961.87	60.97	-0.22	10538	9360	49.94	221.45
12-May-18	2196.50	2131.77	2263.90	2040.20	10.26	-6.21	10453	9393	49.96	365.13
13-May-18	2284.00	2132.40	2182.11	2040.20	31.49	-6.21	10356	9393	49.99	123.58
14-May-18	2289.11	2132.40	2237.68	2036.35	55.96	19.40	10666	9818	50.00	95.51
15-May-18	2249.49	2231.94	2217.49	2083.11	21.98	29.63	10263	9956	49.94	176.71
16-May-18	2297.02	2228.76	2208.33	2016.63	18.20	7.64	10165	9649	49.92	70.02
17-May-18	2252.09	2082.03	2260.98	1846.51	19.36	44.70	10514	9022	49.95	146.41
18-May-18	2261.07	1998.99								
19-May-18										
20-May-18										
21-May-18										
22-May-18										
23-May-18										
24-May-18										
25-May-18										
26-May-18										
27-May-18										
28-May-18										
29-May-18										
30-May-18										
01-May-18										
MAXIMUM OF THE MONTH	2297.02	2231.94	2266.35	2083.11	67.29	49.01	10666.00	9956.00	50.02	390.45
MIN OF THE MONTH	2013.93	1603.25	1904.55	1665.23	-15.35	-6.21	9102.00	7838.00	49.90	62.74
AVERAGE	2173.27	2035.53	2126.34	1936.27	28.53	17.63	9970.82	9141.35	49.96	179.51
MAX.CONSUMPTION TILL DATE DURING THE FY 2018-19 (L.U.)					2266.35				11-May-18	
MAX.PEAK LOAD TILL DATE DURING THE FY 2018-19 (MW)					10666			(9.15-09.30Hrs.)	14-May-18	
MAX.CONSUMPTION DURING THE FY 2017-18 (L.U.)					2222.22				18-Aug-17	
MAX.PEAK LOAD DURING THE FY 2017-18 (MW)					11564			(08.00-8.15Hrs.)	13-Jan-18	
MAX.WIND TILL DATE DURING THE YEAR 2018-19 (L.U.)					390.45				06-May-18	
MAX.WIND DURING THE YEAR 2017-18 (L.U.)					482.76				04-Jul-17	

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
		17-May-18		
1	KTPS (1240/1240)	270.00	268.00	262.03
2	STPS (1500/1500)	327.00	330.00	306.35
3	DHOLPUR GAS CAPP (330/330)	0.00	0.00	0.00
4	RAMGARH (273.5/273.5)	38.00	38.00	35.43
5	RAPP-A(200/200)	39.00	40.00	40.78
6	MAHI (140/140)	0.00	0.00	0.00
7	CHAMBAL (RPS+JS) (135.5/271)	0.00	0.00	0.00
8	GIRAL LIGNITE (250/250)	0.00	0.00	0.00
9	CHHABRA TPS 1000/1000)	218.00	216.00	196.28
10	ADANI (TPS) + KALISINDH (TPS) (1200+1200/1320+1200)	282.00	278.00	278.14
11	WIND FARM (4137.20/4290.95)	79.00	97.00	146.41
12	SOLAR POWER(1656.70/2246.21)	55.00	72.12	60.37
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	38.01	31.72	31.79
16	BIOMASS – (101.95/119.25)	2.00	3.00	2.34
17	BARSINGHAR LTPS(250/250)	24.00	26.00	24.62
18	RAJWEST (1080/1080)	172.00	172.00	171.43
	TOTAL (A) : 1-18	1544.01	1571.84	1555.97
19	BBMB COMPLEX			
a)	BHAKRA(230.79/1516.3)	25.91	26.11	25.81
b)	DEHAR (198/ 990)	13.99	13.60	14.07
c)	PONG (231.66/396)	7.62	8.37	7.89
	TOTAL : a TO c	47.52	48.08	47.77
20	CENTRAL STATIONS			
d)	SINGRAULI (300/ 2000)	87.22	86.96	86.99
e)	RIHAND (310.24/3000)	102.96	102.39	102.73
f)	UNCHAHAR-I(20/420)	6.74	6.96	10.80
g)	UNCHAHAR-II& III & IV(135.09/1130)	24.81	26.00	25.05
h)	INDIRA GANDHI STPS(JHAJHAR) 0.00/1500)	0.00	0.00	0.00
i)	NCTPS DADRI St-II (43.22/980) + DADRI-TH	9.12	11.08	11.34
j)	DADRI GAS (77/830)	2.44	2.63	2.52
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)	6.75	7.35	7.35
n)	RAPP-B (125/440)	28.90	29.07	29.07
o)	RAPP-C (88/440)	18.60	18.60	18.60
p)	SALAL (20.36/690)	2.46	2.80	2.61
q)	URI (70.37/720)	16.13	16.13	16.15
r)	TANAKPUR (10.86/94)	0.87	0.81	0.97
s)	CHAMERA –I (105.84/540)	10.12	11.05	10.46
t)	CHAMERA-II (29.01/300)	4.67	4.67	4.85
u)	CHAMERA-III (25.21/231)	3.85	3.70	3.70
v)	DHAULIGANGA (27/280)	2.66	2.56	2.61
w)	DULHASTI (42.42/390)	9.76	9.76	9.76
x)	SEWA (13/120)	0.94	0.84	0.84
y)	NJPC (112.00/1500)+RAMPUR(31.808/412.02)	16.73	11.59	14.93
z)	TEHRI (75/1000)	2.34	2.36	2.36
aa)	KOTESHWAR (33.44/400) + PARBATI3 (56.73/520)	8.85	6.57	8.44
ab)	TALA	0.73	0.82	0.82
ac)	MUNDRA UMPP (380/4000)	60.78	50.00	50.98
ad)	SASAN (372/3960)	84.31	84.31	84.31
ae)	FRKKA+KHLGN+TLCHR (70.18/3940)	19.49	18.83	17.22
af)	URS POWER(DADRI TH-I)	0.00	0.00	0.00
	TOTAL SCHEDULE(a TO af)	579.76	565.92	573.23
	LOSSES	0.00	0.00	0.00
	NET SCHEDULED	579.76	565.92	573.23
21	BILATERAL (REG.) EXCL. BANKING	10.02	7.87	8.67
22	BANKING	0.00	0.00	0.00
23	BILATERAL(INTER-REG.). EXCLUDING (ISOA & BANKING)	101.99	92.45	99.35
24	INTER STATE OPEN ACCESS (BILATERAL+IEX)	-38.01	-31.72	-31.79
25	INDIAN ENERGY EXCHANGE	63.31	36.19	36.19
	TOTAL(B): (19 TO 25)	717.06	680.25	685.64
	TOTAL GENERATION (A +B) : 1 TO 25			2241.61
	OVER DRAWAL (+)/UNDER DRAWAL (-)			19.36
	GRAND TOTAL	2261.08	2252.09	2260.97
	LAST YEAR	1998.99	2082.03	1846.51

3. SYSTEM PARAMETERS AS ON 17-May-18

MAXIMUM DRAWL ON 17-May-18	10514 MW at 09.30-09.45 Hrs 49.91 HZ
MINIMUM DRAWL ON 17-May-18	7529 MW at 18.45-19.00Hrs 50.00 HZ
Max U/D of the day	689 MW at 19.45-20.00 Hrs 49.94 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	18
NO. OF VIOLATION (OD BLOCKS) IN WHICH FREQ. >= 49.7 & <49.9 Hz	11
No. of Blocks in which Freq. >= 49.9 & <50.0 Hz	62
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & <50.0 Hz	30
NO. OF BLOCKS(UD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & <50.0 Hz	12
No. of Blocks in which Freq. >= 50.00 & <50.05 Hz	16
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 50.00 & <50.05 Hz	6
NO. OF BLOCKS(UD ABOVE 250 MW) IN WHICH FREQ. >= 50.00 & <50.05 Hz	4
No. of Blocks in which Freq. >= 50.05 & <50.10 Hz	0
NO. OF UD BLOCKS IN WHICH FREQ. >= 50.05 & <50.10 Hz	0
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.	18-May-18	18-May-17		
Gandhi Sagar (Ft.)	1312	1250	NA	1296.69	NA	NA
R.P.Sagar (Ft.)	1157.5	1128	1139.45	1137.09	NIL	NIL
Jawahar Sagar (Ft.)	980	970.4	976.90	976.60	0	NIL
Kota Barrage(Ft.)	854.5	852.3	850.80	852.60		
RMC					20	
LMC					NIL	
Bhakra(Ft.)	1690	1462	1506.00	1536.29	22676	11520
Dehar (Ft.)	2941	2900	2922.19	2929.42	3855	4206
Pong(Ft.)	1421	1260	1289.54	1295.82	4003	4063
Mahi-I (Mts.)	281.5	259	269.60	269.65	NIL	NIL
Mahi-II (Mts.)	220.5	217	217.65	218.40	NIL	NIL

5. POSITION OF COAL STOCK (In MT)

AVERAGE FREQ. FOR THE DAY	17-May-18	49.95 Hz	Date	Name of Station	Stock at 00.00 hrs. (MT)	Coal stock sufficient for No. of days
Max O/D of the day	588 MW at 00.00-00.15 Hrs 49.89 HZ		18-May-18	KTPS	7214	0.5 DAY
Frequency Profile	% of Time			STPS	51892	2 DAYS
LESS THAN 49.7 HZ	0.00			CHHABRA	161929	21.5 DAYS
LESS THAN 49.90 HZ	20.10			KALISINDH	98164	7 DAYS
OPERATING RANGE (49.90 HZ TO 50.05 HZ)	75.40					
ABOVE 50.05 HZ	4.50					
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	41					
No. of 132 KV Feeders Disconnected	0					

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

18-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	17	70	11-Jul-14	8.20			BED MATERIAL LEAKAGE (S/D W.E.F.15.07.14)
DCCPP	HRSG02*	55.00	50	12	50	13-Jul-16	16.35			BOXED UP(PERMISSION GIVEN BY RUVNL ON DATE 17.08.17 BUT PROBLEM IN DCCPP END)
DCCPP	GT92*	110.00	100	24	100	13-Jul-16	16.40			BOXED UP(PERMISSION GIVEN BY RUVNL ON DATE 17.08.17 BUT PROBLEM IN DCCPP END)
DCCPP	HRSG01	55.00	50	12	50	11-Dec-17	21.12			SYSTEM LINE VOLTAGE INCREASED(permission not granted by ruval end Id msg no OP/12/730 dt 27.12.17 and op/12/790dt 30.12.17)
DCCPP	GT91	110.00	100	24	100	12-Dec-17	23.34	17-May-18	19.06	AIR INLET DIFFERENTIAL PRESSURE HIGH(permission not granted by ruval end Id msg no OP/12/730 dt 27.12.17 and op/12/790dt 30.12.17)
Total(A) STATE SECTOR-PLANNED OUTAGE		455.00	370.00	88.80	370.00					
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	22.20			RESERVE SHUTDOWN
AURAIYA GPS	4	111.00	18	4.4	18	25-Oct-17	22.43			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
UNCHAHAR	5	210.00	24	0.0	0	17-Apr-18	0.25	14-May-18	1.10	UNIT TAKEN OUT FOR ANNUAL OVER HAULING WORKS
RHAND	3	500.00	58	13.8	58	10-May-18	0.50			ANNUAL MAINTENANCE
AURAIYA GPS	2	111.19	18	4.4	18	16-May-18	23.48			RESERVE SHUTDOWN
AURAIYA GPS	3	111.19	18	4.4	18	16-May-18	23.51			RESERVE SHUTDOWN
Total(A)-CENTRAL SECTOR-PLANNED OUTAGE		1746.18	282.00	62.30	258.00					

(B) FORCE OUTAGE

STATE SECTOR

STATE SECTOR										
NAME OF STATION	UNIT OUT	INSTALLED CAPACITY	NET ALLOC./AVAIL. (MW)			OUTAGE		EXPECT./REVIVAL		REASON OF OUTAGE
						DATE	TIME	DATE	TIME	
GIRAL	2	125.00	70	16.8	70	27-Jan-16	15.27			DESYNCHRONIZED DUE TO ATTEND TUBE LEAKAGE IN ASH COOL-AR-I
KALISINDH	2	600.00	475	135.6	475	07-Apr-18	17.31			DUE TO GENERATOR TRF TRIP
BARSINGAR	2	125.00	110	26.4	110	16-Apr-18	0.47			REFRACTORY BREAKAGES /ANNUAL MAINTENANCE WORK S/D WILL BE EXTENDED UPTO 19.05.18
ADANI	2	660.00	600	144.0	600	29-Apr-18	7.33			DUE TO CONDENSER TUBE LEAKAGE
RAMGARH	GT-I	37.50	29	7.0	29	09-May-18	17.11			GENERATOR BREAKER TRIPPED
RAJWEST	7	135.00	120	28.7	120	09-May-18	23.40			REFACTORY DAMAGE
RAJWEST	6	135.00	120	28.7	120	14-May-18	22.49			HEAVY BED MATERIAL LEAKAGE
DCCPP	GT91	110.00	100	0.0	0	17-May-18	20.13	17-May-18	23.42	M/T DUE TO GENERATOR TRANSFORMER TRIP
Total(B) STATE SECTOR-FORCED OUTAGE		1927.50	1623.00	387.14	1523.00					
CENTRAL SECTOR										
UNCHAHAR	6	500.00	NA	NA	NA	01-Nov-17	15.40			FURNISH PRESSURE HIGH
ESTP(DHAIHAR)	2	500.00	5	1.2	5	05-Apr-18	0.17			AMPROVERHAULING
AURAIYA GPS	5	111.00	18	4.4	18	06-May-18	3.23			DRUM VIVRATION
Total(B)-CENTRAL SECTOR-FORCED OUTAGE		1111.00	23.00	5.60	23.00					
G.TOTAL				392.74	1546.00					

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).