



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

Power Position 20-Apr-18	Point No.
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1. Date-Wise Energy Availability, Consumption,OD(+)/UD(-), Peak Load, Avg. Frequency,Wind Gen. –APRIL- 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
Apr-18										
1-Apr-18	1796.47	1886.47	1835.83	1739.48	4.46	21.47	8561	8166	49.98	170.85
2-Apr-18	1946.31	1836.49	1852.30	1697.94	4.22	8.57	8771	7764	49.96	180.36
3-Apr-18	1982.88	1809.01	1863.76	1705.06	-8.32	38.60	8749	8216	49.92	160.74
4-Apr-18	1900.21	1727.02	1896.99	1688.41	17.38	2.92	8591	7611	49.95	122.90
5-Apr-18	1966.36	1795.43	1902.37	1646.55	0.14	7.85	8989	7707	49.97	177.74
6-Apr-18	1968.53	1836.36	1815.14	1627.90	17.25	4.04	8745	7966	49.96	87.22
7-Apr-18	1903.40	1711.83	1775.71	1672.22	37.51	19.41	8204	7826	49.96	36.41
8-Apr-18	1778.65	1687.00	1821.32	1594.09	30.27	8.54	8662	7492	49.99	84.58
9-Apr-18	1881.72	1679.29	1794.93	1517.99	12.60	22.27	8768	7196	49.97	140.41
10-Apr-18	1853.87	1652.80	1839.75	1576.75	14.77	24.72	8678	7643	49.96	188.43
11-Apr-18	1810.24	1596.57	1780.94	1622.03	-6.06	19.38	8367	7623	49.96	145.04
12-Apr-18	1854.81	1697.11	1716.31	1701.26	6.82	6.47	7958	8004	49.98	70.93
13-Apr-18	1855.95	1730.20	1810.30	1733.93	8.96	-0.82	8278	7972	49.95	151.94
14-Apr-18	1948.97	1838.57	1865.01	1787.22	21.93	8.22	8654	8522	49.96	109.91
15-Apr-18	1955.25	1833.36	1823.29	1817.22	14.19	28.07	8648	8702	49.97	109.14
16-Apr-18	1874.27	1851.53	1866.44	1797.35	16.84	23.28	8873	8360	49.94	164.54
17-Apr-18	1856.08	1855.07	1858.11	1845.39	66.93	12.05	8936	8658	49.95	55.21
18-Apr-18	1798.50	1844.37	1945.05	1840.06	61.00	11.90	8733	8621	49.96	132.58
19-Apr-18	1838.70	1893.76	1976.96	1875.90	0.57	22.40	9242	8925	49.96	160.29
20-Apr-18	2088.13	1942.81								
21-Apr-18										
22-Apr-18										
23-Apr-18										
24-Apr-18										
25-Apr-18										
26-Apr-18										
27-Apr-18										
28-Apr-18										
29-Apr-18										
30-Apr-18										
1-May-18										
MAXIMUM OF THE MONTH	2088.13	1942.81	1976.96	1875.90	66.93	38.60	9242.00	8925.00	49.99	188.43
MIN OF THE MONTH	1778.65	1596.57	1716.31	1517.99	-8.32	-0.82	7958.00	7196.00	49.92	36.41
AVERAGE	1898.92	1796.29	1844.24	1709.83	16.92	15.23	8653.00	8051.26	49.96	128.91
MAX.CONSUMPTION TILL DATE DURING THE FY 2018-19 (L.U.)							1976.96	19-Apr-18		
MAX.PEAK LOAD TILL DATE DURING THE FY 2018-19 (MW)							9242	(09.00-09.15Hrs.)	19-Apr-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.)							188.43	10-Apr-18		
MAX.WIND DURING THE YEAR 2017-18 (L.U.)							482.76	4-Jul-17		

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
		19-Apr-18		
1	KTPS (1240/1240)	224.00	224.00	209.73
2	STPS (1500/1500)	328.00	273.00	257.22
3	DHOLPUR GAS CCPP (330/330)	0.00	0.00	0.00
4	RAMGARH (273.5/273.5)	38.00	38.00	37.24
5	RAPP-A(200/200)	0.00	0.00	0.00
6	MAHI (140/140)	0.00	0.00	0.00
7	CHAMBAL (RPS+JS) (135.5/271)	0.00	0.00	0.19
8	GIRAL LIGNITE (250/250)	0.00	0.00	0.00
9	CHHABRA TPS 1000/1000)	164.00	164.00	160.96
10	ADANI (TPS) + KALISINDH (TPS) (1200+1200/1320+1200)	148.00	0.00	71.00
11	WIND FARM (3980.40/4119.15)	286.00	67.50	160.29
12	SOLAR POWER(737.70/1295.70)	84.73	81.61	89.54
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	29.23	26.79	20.68
16	BIOMASS – (101.95/119.25)	6.00	6.00	5.32
17	BARSINGHAR LTPS(250/250)	26.00	0.00	0.00
18	RAJWEST (1080/1080)	172.00	172.00	171.71
	TOTAL (A) : 1-18	1505.96	1052.90	1183.87
19	BBMB COMPLEX			
a)	BHAKRA(230.79/1516.3)	13.53	13.80	13.85
b)	DEHAR (198/ 990)	6.73	6.57	7.18
c)	PONG (231.66/396)	2.54	2.54	2.90
	TOTAL : a TO c	22.80	22.91	23.94
20	CENTRAL STATIONS			
d)	SINGRAULI (300/ 2000)	59.84	59.83	62.44
e)	RIHAND (310.24/3000)	104.16	104.16	106.01
f)	UNCHAHAAR-I(20/420)	5.00	6.57	10.52
g)	UNCHAHAAR-II& III(61/630)	12.02	15.74	13.01
h)	INDIRA GANDHI STPS(JHAJHAR) 0.00/1500)	0.00	0.00	0.00
i)	NCTPS DADRI St-II (43.22/980) + DADRI-TH	13.50	16.67	13.42
j)	DADRI GAS (77/830)	2.10	2.84	1.93
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)	4.25	4.32	4.32
n)	RAPP-B (125/440)	31.08	31.15	31.15
o)	RAPP-C (88/440)	18.98	18.98	18.98
p)	SALAL (20.36/690)	1.71	1.30	1.92
q)	URI (70.37/720)	15.83	16.11	15.84
r)	TANAKPUR (10.86/94)	0.55	0.63	0.54
s)	CHAMERA –I (105.84/540)	6.80	7.56	6.80
t)	CHAMERA-II (29.01/300)	2.18	2.32	2.00
u)	CHAMERA-III (25.21/231)	1.37	1.47	1.47
v)	DHAULIGANGA (27/280)	1.07	1.28	1.28
w)	DULHASTI (42.42/390)	3.78	3.88	3.64
x)	SEWA (13/120)	1.31	1.83	1.83
y)	NJPC (112.00/1500)+RAMPUR(31.808/412.02)	7.02	6.93	6.84
z)	TEHRI (75/1000)	3.34	3.34	7.11
aa)	KOTESHWAR (33.44/400) + PARBATI3 (56.73/520)	2.50	2.50	5.05
ab)	TALA	0.32	0.51	0.51
ac)	MUNDRA UMPP (380/4000)	67.36	67.36	67.36
ad)	SASAN (372/3960)	84.21	85.06	85.06
ae)	FRKKA+KHLGN+TLCHR (70.18/3940)	22.79	29.08	24.37
af)	URS POWER(DADRI TH-I)	0.00	0.00	0.00
	TOTAL SCHEDULE(a TO af)	495.83	514.33	517.34
	LOSSES	2.40	2.40	0.00
	NET SCHEDULED	498.23	516.74	517.34
21	BILATERAL (REG.) EXCL. BANKING	4.40	4.90	4.90
22	BANKING	0.00	0.00	0.00
23	BILATERAL(INTER-REG.). EXCLUDING (ISOA & BANKING)	114.41	106.83	114.41
24	INTER STATE OPEN ACCESS (BILATERAL+IEX)	-29.23	-26.79	-20.68
25	INDIAN ENERGY EXCHANGE	-5.64	176.54	176.54
	TOTAL(B): (19 TO 25)	582.16	785.80	792.51
	TOTAL GENERATION (A +B) : 1 TO 25			1976.39
	OVER DRAWAL (+)/UNDER DRAWAL (-)			0.57
	GRAND TOTAL	2088.13	1838.70	1976.96
	LAST YEAR	1942.81	1893.76	1875.90

3. SYSTEM PARAMETERS AS ON 19-Apr-18

MAXIMUM DRAWL ON 19-Apr-18	9242 MW at 09.00-09.15 Hrs 49.98 Hz
MINIMUM DRAWL ON 19-Apr-18	6913 MW at 18.15-18.30 Hrs 50 Hz
Max U/D of the day	1014 MW at 18.30-1.45 HRS 50.03Hz
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	6
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	68
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & <50.00 Hz	19
NO. OF BLOCKS(UD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & <50.00 Hz	9
No. of Blocks in which Freq. >= 50.00 & <50.05 Hz	21
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 50.00 & <50.05 Hz	3
NO. OF BLOCKS(UD ABOVE 250 MW) IN WHICH FREQ. >= 50.00 & <50.05 Hz	7
No. of Blocks in which Freq. >= 50.05 & <50.10 Hz	1
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 (cumecs)	Inflow (cumecs)
	Max.	Min.	20-Apr-18	19-Apr-18		
Gandhi Sagar (Ft.)	1312	1250	1270.58	1296.26	NIL	NIL
R.P.Sagar (Ft.)	1157.5	1128	1140.41	1137.97	NIL	NIL
Jawahar Sagar (FL)	980	970.4	979.10	977.10	NIL	NIL
Kota Barrage(Ft.)	854.5	852.3	850.90	853.10		
RMC					20	
LMC					NIL	
Bhakra(FL)	1690	1462	1541.62	1532.40	9130	5695
Dehar (Ft.)	2941	2900	2921.25	2933.20	2376	2129
Pong(FL)	1421	1260	1293.64	1302.63	1503	1503
Mahi-I (Mts.)	281.5	259	269.80	270.00	NIL	NIL
Mahi-II (Mts.)	220.5	217	218.25	219.05	NIL	NIL

5. POSITION OF COAL STOCK (In MT)

AVERAGE FREQ. FOR THE DAY	19-Apr-18	49.96 Hz	Date	Name of Station	Stock at 00.00 hrs. (MT)	Coal stock sufficient for No. of days
Max O/D of the day	517 MW at 01.15-01.30 HRS 49.95 Hz		20/Apr/18	KTPS	110079	5.5 DAYS
Frequency Profile	% of Time					
LESS THAN 49.7 HZ	0.00					
LESS THAN 49.90 HZ	10.97					
OPERATING RANGE (49.90 HZ TO 50.05 HZ)	84.09					
ABOVE 50.05 HZ	4.94					
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		CHHABRA	78679	10.5 DAYS	
			KALISINDH	69075	5 DAYS	

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

NAME OF STATION	UNIT OUT	INSTALLED CAPACITY	NET ALLOC/ AVAIL. (MW)		OUTAGE		EXPECT./REVIVAL		REASON OF OUTAGE	
					DATE	TIME	DATE	TIME		
(A) PLANNED OUTAGE										
STATE SECTOR										
GIRAL	1	125.00	70	16.80	70	11-Jul-14	8.20		BED MATERIAL LEAKAGE (SD W.E.F.10/7/14)	
BCCPP	HRS02*	55.00	50	12.00	50	13-Jul-16	16.35		BOXED I/P PERMISSION GIVEN BY RUVAL ON DATE 17.08.17 BUT PROBLEM IN BCCPP END	
BCCPP	GT02*	110.00	100	24.00	100	13-Jul-16	16.40		BOXED I/P PERMISSION GIVEN BY RUVAL ON DATE 17.08.17 BUT PROBLEM IN BCCPP END	
BCCPP	HRS01	55.00	50	12.00	50	11-Dec-17	21.12		SYSTEM LINE VOLTAGE INCREASE (permission not granted by ruval and id msg no OP/12/70@ 27.12.17 and sp/12/70@ 30.12.17)	
BCCPP	GT01	110.00	100	24.00	100	12-Dec-17	23.14		AIR INLET DIFFERENTIAL PRESSURE HIGH (permission not granted by ruval and id msg no OP/12/70@ 27.12.17 and sp/12/70@ 30.12.17)	
KTPS	5	210.00	192	46.00	192	1-Apr-18	1.42		GRID FAILURE (side lugs m.m.s. 124 dated 01.04.18) Id m.m.s. 26 cannot be tight up due to insufficient coal stock) Annual Shutdown not 00.00 Hrs at 5/4/2018 to 00.00 Hrs at 19/4/2018	
CHHABRA	4	250.00	225	54.00	225	10-Apr-18	23.30		ANNUAL SD	
STPS	4	250.00	229	55.00	229	15-Apr-18	19.30	19-Apr-18	12.26	DESYNCHRONIZED DUE TO ATTEND LEAKAGE IN MAIN HOLE GASKET LEAKAGE OF DIEUM PERMISSION DEFERRED BY RUVAL OPERATING 18.04.18
Total STATE SECTOR- PLANNED OUTAGE		1165.00	1016.00	243.80	1016.00					
CENTRAL SECTOR										
BADLI GPS	4	130.19	22	5.30	22	18-Oct-17	6.00		RESERVE SHUTDOWN	
BADLI GPS	6	154.00	22	5.30	22	25-Oct-17	22.22		RESERVE SHUTDOWN	
BADLI GPS	3	130.00	22	5.30	22	25-Oct-17	22.30		RESERVE SHUTDOWN	
AURAYA GPS	4	111.00	18	4.40	18	25-Oct-17	22.43		RESERVE SHUTDOWN	
AURAYA GPS	6	109.00	18	4.40	18	25-Oct-17	23.09		RESERVE SHUTDOWN	
AURAYA GPS	3	111.00	18	4.40	18	25-Oct-17	23.12		RESERVE SHUTDOWN	
AURAYA GPS	1	111.19	18	4.40	18	26-Jan-18	5.51		RESERVE SHUTDOWN	
AURAYA GPS	5	109.00	18	4.40	18	2-Feb-18	19.28		RESERVE SHUTDOWN	
AURAYA GPS	2	111.19	18	4.40	18	2-Feb-18	19.32		RESERVE SHUTDOWN	
ANTA GPS	2	88.71	31	7.50	31	2-Feb-18	20.06		RESERVE SHUTDOWN	
ANTA GPS	3	88.71	31	7.50	31	9-Mar-18	4.54		RESERVE SHUTDOWN	
ANTA GPS	4	153.20	34	8.20	34	9-Mar-18	5.03		RESERVE SHUTDOWN	
ANTA GPS	1	88.71	31	7.50	31	9-Mar-18	5.31		RESERVE SHUTDOWN	
BHAND	2	500.00	58	13.00	58	21-Mar-18	12.25		ANNUAL SHUT DOWN	
SINGRAULI	6	500.00	85	20.50	85	26-Mar-18	23.58		ANNUAL SHUT DOWN	
BADLI GPS	2	130.19	22	5.30	22	5-Apr-18	21.87		RESERVE SHUTDOWN	
Total CENTRAL SECTOR- PLANNED OUTAGE		2626.09	466.00	112.60	466.00					
(B) FORCE OUTAGE										
STATE SECTOR										
GIRAL	2	125.00	70	16.80	70	27-Jan-18	15.27		DESYNCHRONIZED DUE TO ATTEND TUBE LEAKAGE IN ASE COOL AIR	
ADANI	1	600.00	600	144.00	600	29-Mar-18	5.39		API hot P.A. not expansion below leakage/NON AVAILABILITY OF COAL STOCK	
KALISINDH	2	600.00	475	135.00	475	7-Apr-18	17.31		DUO TO GENERATOR TRIP TRIP	
RAJWEST	4	135.00	120	28.67	120	8-Apr-18	22.14		BED MATERIAL LEAKAGE	
ADANI	2	600.00	600	8.00	0	12-Apr-18	1.06	19-Apr-18	10.16	NON AVAILABILITY OF COAL STOCK
BARSINGGAR	2	125.00	110	26.40	110	16-Apr-18	0.47		REFRACTORY BREAKERS	
RAJPP	2	200.00	150	36.00	150	16-Apr-18	16.42		BOILER TUBE LEAKAGE	
BARSINGGAR	1	125.00	110	0.00	0	17-Apr-18	11.13	28-Apr-18	6.00	BOILER SIDE PROBLEM
KALISINDH	1	600.00	475	135.00	475	17-Apr-18	19.45		BOILER TUBE LEAKAGE	
BANGARHI	GT-1	37.50	29	7.00	29	17-Apr-18	23.11		NON AVAILABILITY OF GAS	
RAJWEST	2	135.00	120	28.67	120	18-Apr-18	20.08		BED MATERIAL LEAKAGE	
Total STATE SECTOR-FORCED OUTAGE		3402.50	2850.00	558.74	2140.00					
CENTRAL SECTOR										
UNCHABAR	6	500.00	NA	NA	NA	1-Nov-17	15.40		FURNISH PRESSURE HIGH	
STPP(BALLAB)	2	500.00	5	1.20	5	5-Apr-18	0.17		AMPOVERHEATING	
UNCHABAR	5	210.00	24	5.70	24	17-Apr-18	0.25		UNIT TAKENOUT FOR ANNUAL OVER HAULING WORKS	
Total CENTRAL SECTOR- FORCED OUTAGE		1210.00	29.00	6.90	29.00					
G.TOTAL				565.64	2177.00					

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 (\$).