



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

Power Position 26-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		
Apr-18										
01-Apr-18	1796.47	1886.47	1835.83	1739.48	4.46	21.47	8561	8166	49.98	170.85
02-Apr-18	1946.31	1836.49	1852.30	1697.94	4.22	8.57	8771	7764	49.96	180.36
03-Apr-18	1982.88	1809.01	1863.76	1705.06	-8.32	38.60	8749	8216	49.92	160.74
04-Apr-18	1900.21	1727.02	1896.99	1688.41	17.38	2.92	8591	7611	49.95	122.90
05-Apr-18	1966.36	1795.43	1902.37	1646.55	0.14	7.85	8989	7707	49.97	177.74
06-Apr-18	1968.53	1836.36	1815.14	1627.90	17.25	4.04	8745	7966	49.96	87.22
07-Apr-18	1903.40	1711.83	1775.71	1672.22	37.51	19.41	8204	7826	49.96	36.41
08-Apr-18	1778.65	1687.00	1821.32	1594.09	30.27	8.54	8662	7492	49.99	84.58
09-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	1865.77	1921.10	7.22	13.67	8959	9155	49.98	350.53
21-Apr-18	1964.15	1790.55	1963.76	1933.49	6.99	24.59	9277	9132	49.95	82.24
22-Apr-18	1967.50	1920.05	1904.36	1939.93	19.34	41.90	9129	8964	49.99	146.20
23-Apr-18	1985.70	2007.73	1935.99	1851.43	22.98	27.26	8975	8693	49.94	20.95
24-Apr-18	2027.14	1795.20	1995.23	1760.24	23.76	30.66	9266	8546	49.97	84.84
25-Apr-18	2074.39	1879.02	2012.26	1767.10	33.77	-19.97	9410	8313	49.98	201.07
26-Apr-18	2110.31	1894.00								
27-Apr-18										
28-Apr-18										
29-Apr-18										
30-Apr-18										
01-May-18										
MAXIMUM OF THE MONTH	2110.31	2007.73	2012.26	1939.93	66.93	41.90	9410.00	9155.00	49.99	350.53
MIN OF THE MONTH	1778.65	1596.57	1716.31	1517.99	-8.32	-19.97	7958.00	7196.00	49.92	20.95
AVERAGE	1908.11	1810.02	1868.72	1746.40	17.42	16.30	8776.92	8231.08	49.96	133.40
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	04-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
		25-Apr-18		
1	KTPS (1240/1240)	270.00	268.00	223.37
2	STPS (1500/1500)	330.00	330.00	284.34
3	DHOLPUR GAS CAPP (330/330)	0.00	0.00	0.00
4	RAMGARH (273.5/273.5)	42.00	38.00	37.70
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	0.00
8	GIRAL LIGNITE (250/250)	0.00	0.00	0.00
9	CHHABRA TPS 1000/1000)	162.00	162.00	157.04
10	ADANI (TPS) + KALISINDH (TPS) (1200+1200/1320+1200)	148.00	148.00	145.18
11	WIND FARM (3980.40/4119.15)	173.50	214.00	201.07
12	SOLAR POWER(737.70/1295.70)	96.73	88.67	85.51
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	32.09	30.72	30.68
16	BIOMASS – (101.95/119.25)	8.00	5.00	8.11
17	BARSINGHSAR LTPS(250/250)	26.00	26.00	26.05
18	RAJWEST (1080/1080)	229.00	229.00	227.35
	TOTAL (A) : 1-18	1517.32	1539.39	1426.40
19	BBMB COMPLEX			
a)	BHAKRA(230.79/1516.3)	17.79	16.77	17.04
b)	DEHAR (198/ 990)	12.27	11.19	15.18
c)	PONG (231.66/396)	2.89	2.88	3.17
	TOTAL : a TO c	32.95	30.85	35.39
20	CENTRAL STATIONS			
d)	SINGRAULI (300/ 2000)	62.49	55.20	56.57
e)	RIHAND (310.24/3000)	104.01	104.01	104.92
f)	UNCHAHAAR-I(20/420)	6.19	4.32	4.95
g)	UNCHAHAAR-II& III(61/630)	14.80	10.39	12.62
h)	INDIRA GANDHI STPS(JHAJHAR) 0.00/1500)	0.00	0.00	0.00
i)	NCTPS DADRI St-II (43.22/980) + DADRI-TH	16.82	12.46	13.98
j)	DADRI GAS (77/830)	2.73	2.22	2.16
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)	4.30	4.35	4.35
n)	RAPP-B (125/440)	29.60	30.32	30.32
o)	RAPP-C (88/440)	18.65	18.65	18.65
p)	SALAL (20.36/690)	2.18	2.37	1.98
q)	URI (70.37/720)	16.04	16.04	16.04
r)	TANAKPUR (10.86/94)	0.52	0.48	0.55
s)	CHAMERA –I (105.84/540)	10.96	9.79	10.17
t)	CHAMERA-II (29.01/300)	4.63	3.06	4.67
u)	CHAMERA-III (25.21/231)	3.67	2.62	3.67
v)	DHAULIGANGA (27/280)	1.27	1.16	1.23
w)	DULHASTI (42.42/390)	9.51	9.41	9.41
x)	SEWA (13/120)	1.04	0.83	0.83
y)	NJPC (112.00/1500)+RAMPUR(31.808/412.02)	7.33	7.18	10.41
z)	TEHRI (75/1000)	2.47	3.25	3.24
aa)	KOTESHWAR (33.44/400) + PARBATI3 (56.73/520)	3.12	2.50	6.04
ab)	TALA	0.38	0.40	0.40
ac)	MUNDRA UMPP (380/4000)	67.20	67.20	67.20
ad)	SASAN (372/3960)	84.02	84.02	82.19
ae)	FRKKA+KHLGN+TLCHR (70.18/3940)	26.73	22.46	22.46
af)	URS POWER(DADRI TH-I)	0.00	0.00	0.00
	TOTAL SCHEDULE(a TO af)	533.62	505.57	524.42
	LOSSES	2.15	2.62	0.00
	NET SCHEDULED	535.77	508.19	524.42
21	BILATERAL (REG.) EXCL. BANKING	6.16	5.21	6.03
22	BANKING	0.00	0.00	0.00
23	BILATERAL(INTER-REG.). EXCLUDING (ISOA & BANKING)	82.06	71.94	82.06
24	INTER STATE OPEN ACCESS (BILATERAL+IEX)	-32.09	-30.72	-30.68
25	INDIAN ENERGY EXCHANGE	1.09	-29.74	-29.74
	TOTAL(B): (19 TO 25)	593.00	535.00	552.09
	TOTAL GENERATION (A +B) : 1 TO 25			1978.49
	OVER DRAWAL (+)/UNDER DRAWAL (-)			33.77
	GRAND TOTAL	2110.31	2074.39	2012.26
	LAST YEAR	1894.00	1879.02	1767.11

3. SYSTEM PARAMETERS AS ON 25-Apr-18

MAXIMUM DRAWL ON 25-Apr-18	9410 MW at 09.00-09.15 Hrs 50.02 HZ
MINIMUM DRAWL ON 25-Apr-18	7344 MW at 23.30-23.46 Hrs 49.96 HZ
Max O/D of the day	412 MW at 23.30-23.45 Hrs 49.96 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	4
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	57
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & <50.00 HZ	19
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & <50.00 HZ	3
No. of Blocks in which Freq. >= 50.00 & <50.05 HZ	33
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 50.00 & <50.05 HZ	10
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 50.00 & <50.05 HZ	1
No. of Blocks in which Freq. >= 50.05 & <50.10 HZ	2
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.	26-Apr-18	26-Apr-17		
Gandhi Sagar (FL)	1312	1250	1270.46	1296.11	NIL	159
R.P.Sagar (Ft.)	1157.5	1128	1140.17	1137.89	NIL	NIL
Jawahar Sagar (FL)	980	970.4	977.90	977.10	NIL	2780
Kota Barrage(Ft.)	854.5	852.3	852.10	852.60		
RMC					NIL	
LMC					20	
Bhakra(FL)	1690	1462	1538.72	1541.91	12478	8389
Dehar (Ft.)	2941	2900	2923.81	2920.60	4452	4216
Pong(FL)	1421	1260	1293.67	1301.50	1503	1503
Mahi-I (Mts.)	281.5	259	269.80	269.75	NIL	NIL
Mahi-II (Mts.)	220.5	217	218.10	218.95	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
26/Apr/18	KTPS	89588	4.5 DAYS
	STPS	2824	0.5 DAY
	CHHABRA	88669	12 DAYS
	KALISINDH	76731	5.5 DAYS

AVERAGE FREQ. FOR THE DAY 25-Apr-18	49.98 HZ
Max O/D of the day	778 MW at 23.30-23.45 Hrs 49.96 HZ
Frequency Profile	% of Time
LESS THAN 49.7 HZ	0.00
LESS THAN 49.90 HZ	8.50
OPERATING RANGE (49.90 HZ TO 50.05 HZ)	83.99
ABOVE 50.05 HZ	7.51
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	20
No. of 132 KV Feeders Disconnected	0

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

26/Apr/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	16.80	70	11-Jul-14	8.20			BED MATERIAL LEAKAGE (SD W.E.F.15.67.14)
DCCPP	HRS62*	55.00	50	12.00	50	13-Jul-16	16.35			BOXED UP PERMISSION GIVEN BY RUN/ON DATE 17.08.17 BUT PROBLEM IN DCCPP END
DCCPP	GT12*	110.00	100	24.00	100	13-Jul-16	16.40			BOXED UP PERMISSION GIVEN BY RUN/ON DATE 17.08.17 BUT PROBLEM IN DCCPP END
DCCPP	HRS61	55.00	50	12.00	50	11-Dec-17	21.12			SYSTEM LINE VOLTAGE INCREASED (permission not granted by run/ and H msg no 09/13/730-01 27.12.17 and up 12/790/01 30.12.17)
DCCPP	GT11	110.00	100	24.00	100	12-Dec-17	23.34			AIR INLET DIFFERENTIAL PRESSURE HIGH (permission not granted by run/ and H msg no 09/13/730-01 27.12.17 and up 12/790/01 30.12.17)
CHHABRA	4	250.00	225	54.00	225	10-Apr-18	23.30			ANNUAL S/D
Total STATE SECTOR-PLANNED OUTAGE			705.00	595.00	142.80	595.00				
CENTRAL SECTOR										
BADRI GPS	4	130.19	22	5.30	22	18-Oct-17	6.00			RESERVE SHUTDOWN
BADRI GPS	6	154.00	22	5.30	22	25-Oct-17	22.22			RESERVE SHUTDOWN
BADRI 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	28-Jan-18	5.51			RESERVE SHUTDOWN
AURAYA GPS	5	109.00	18	4.40	18	02-Feb-18	19.28			RESERVE SHUTDOWN
AURAYA GPS	2	111.19	18	4.40	18	02-Feb-18	19.32			RESERVE SHUTDOWN
ANTA GPS	2	88.71	31	7.50	31	02-Feb-18	20.06			RESERVE SHUTDOWN
ANTA GPS	3	88.71	31	7.50	31	09-Mar-18	4.54			RESERVE SHUTDOWN
ANTA GPS	4	153.20	34	8.20	34	09-Mar-18	5.03			RESERVE SHUTDOWN
ANTA GPS	1	88.71	31	7.50	31	09-Mar-18	5.31			RESERVE SHUTDOWN
BHAND	2	500.00	50	12.80	50	21-Mar-18	12.25			ANNUAL SHUT DOWN
SINGRAULI	6	500.00	85	20.50	85	26-Mar-18	23.58			ANNUAL SHUT DOWN
BADRI GPS	2	130.19	22	5.30	22	05-Apr-18	21.67			RESERVE SHUTDOWN
Total CENTRAL SECTOR-PLANNED OUTAGE			2626.09	466.00	112.60	466.00				
(B) FORCED OUTAGE										
STATE SECTOR										
STATE SECTOR										
GIRAL	2	125.00	70	16.80	70	27-Jan-16	15.27			DESYNCHRONIZED DUE TO ATTEND TUBE LEAKAGE IN ASH COOLAR-I
ADANI	1	600.00	600	144.00	600	29-Mar-18	5.29			APH not PA duct expansion bellow leakage (NON AVAILABILITY OF COAL STOCK)
KALISINDH	2	600.00	475	135.60	475	07-Apr-18	17.21			DUE TO GENERATOR TRIP TRIP
BARNINGSAR	2	125.00	110	26.40	110	16-Apr-18	0.47			REFRIGERARY BREAKERS.
RAPP	2	200.00	150	36.00	150	16-Apr-18	16.42			BOILER TUBE LEAKAGE
KALISINDH	1	600.00	475	135.60	475	17-Apr-18	19.45			BOILER TUBE LEAKAGE
BAMGARH	GT-4	37.50	29	7.00	29	17-Apr-18	23.11			NON AVAILABILITY OF GAS
CHHABRA	1	250.00	225	54.00	225	26-Apr-18	3.51			HEAVY WATER LEAKAGE
Total STATE SECTOR-FORCED OUTAGE			2597.50	2134.00	555.40	2134.00				
CENTRAL SECTOR										
UNCHABAR	6	500.00	NA	NA	NA	01-Nov-17	15.40			FURNISH PRESSURE HIGH
BTPP(BHAJAR)	2	500.00	5	1.20	5	05-Apr-18	0.17			AMP/OVERHAULING
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			562.30	2163.00						

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).