



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

Power Position 01-May-17	Point No.
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1. Date-Wise Energy Availability, Consumption,OD(+)/UD(-), Peak Load, Avg. Frequency,Wind Gen. -APRIL.- 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
Mar-17										
01-Apr-17	1886.47	1807.79	1739.48	1691.13	21.47	11.65	8166	7722	49.99	111.46
02-Apr-17	1836.49	1758.42	1697.94	1730.58	8.57	32.58	7764	7898	49.98	118.03
03-Apr-17	1809.01	1815.76	1705.07	1741.69	38.60	8.11	8216	7801	49.98	238.53
04-Apr-17	1727.02	1756.95	1688.41	1713.65	2.92	6.46	7611	7785	49.98	326.11
05-Apr-17	1795.43	1842.82	1646.55	1710.17	7.85	7.43	7707	7891	49.99	430.17
06-Apr-17	1836.36	1824.29	1627.90	1689.83	4.04	12.30	7966	7827	49.99	280.18
07-Apr-17	1711.83	1792.45	1672.23	1681.46	19.41	4.93	7826	7807	49.98	93.98
08-Apr-17	1679.29	1751.90	1594.09	1711.18	8.54	17.54	7492	7730	49.97	51.93
09-Apr-17	1679.29	1805.47	1518.00	1710.36	22.27	19.14	7196	7822	49.99	124.06
10-Apr-17	1652.80	1792.70	1576.75	1702.88	24.72	2.10	7643	7718	49.99	34.22
11-Apr-17	1596.57	1762.18	1622.03	1697.15	19.38	11.66	7623	7888	49.97	44.08
12-Apr-17	1697.11	1714.23	1701.26	1734.47	6.47	19.67	8004	7783	49.96	73.94
13-Apr-17	1730.20	1777.87	1733.93	1723.67	-0.82	23.21	7972	8167	49.96	68.29
14-Apr-17	1838.57	1843.10	1787.22	1757.32	8.22	-1.07	8522	8034	49.98	152.79
15-Apr-17	1833.36	1831.79	1817.22	1749.33	28.07	35.76	8702	7823	49.99	176.82
16-Apr-17	1851.53	1753.20	1797.35	1818.73	23.28	6.60	8360	8146	50.01	201.01
17-Apr-17	1855.07	1782.50	1845.39	1762.89	12.05	16.03	8658	8045	49.96	268.54
18-Apr-17	1844.37	1766.11	1840.06	1794.83	11.09	23.20	8621	8327	49.95	157.94
19-Apr-17	1893.76	1982.28	1875.90	1837.71	22.40	15.22	8925	8399	49.97	168.01
20-Apr-17	1942.81	1917.10	1921.10	1846.50	13.67	10.99	9155	8333	49.97	327.87
21-Apr-17	1790.55	1940.96	1933.49	1836.26	24.59	-4.18	9132	8414	49.97	444.33
22-Apr-17	1920.05	1966.74	1939.93	1809.13	41.90	10.50	8964	8419	50.00	445.99
23-Apr-17	2007.73	1905.24	1851.43	1800.98	27.26	11.50	8683	8375	49.99	303.20
24-Apr-17	1795.20	1850.45	1760.24	1790.57	30.66	14.46	8546	8198	49.98	178.62
25-Apr-17	1879.02	1848.67	1767.11	1823.41	-19.97	6.22	8313	8305	49.95	191.89
26-Apr-17	1894.00	1866.61	1672.86	1835.95	-0.36	0.97	8160	8313	49.95	313.86
27-Apr-17	1930.46	1785.27	1745.55	1835.10	-0.22	-10.07	8237	8567	49.94	238.74
28-Apr-17	1911.82	1901.37	1784.25	1873.67	-4.60	4.23	8066	8465	49.94	151.97
29-Apr-17	1867.57	1919.27	1734.22	1895.00	15.14	20.22	8132	9027	49.96	215.13
30-Apr-17	1784.41	1954.48	1763.69	1908.76	39.79	1.44	8218	8862	49.99	57.34
01-May-17	1837.16	2036.12								
MAXIMUM OF THE MONTH	2007.73	2036.12	1939.93	1908.76	41.90	35.76	9155.00	9027.00	50.01	445.99
MIN OF THE MONTH	1596.57	1714.23	1518.00	1681.46	-19.97	-10.07	7196.00	7718.00	49.94	34.22
AVERAGE	1815.22	1826.58	1745.10	1764.66	14.34	11.33	8222.50	8071.50	49.97	204.16
MAX.CONSUMPTION TILL DATE DURING THE FY 2017-18 (L.U.)							1939.93	22-Apr-17		
MAX.PEAK LOAD TILL DATE DURING THE FY 2017-18 (MW)							9155	(23.00-23.15 Hrs.)	20-Apr-17	
MAX.CONSUMPTION DURING THE FY 2016-17 (L.U.)							2138.32	20-Sep-16		
MAX.PEAK LOAD DURING THE FY 2016-17 (MW)							10322	(07.00-07.15Hrs.)	ON 16-02-17	
MAX WIND TILL DATE DURING THE YEAR 2017-18 (L.U.)							115.00	22-Apr-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	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)	84.00	42.00	62.72	84.00	84.00	78.30	170.00	84.00	109.62
2	STPS (1500/1500)	55.00	55.00	51.91	55.00	55.00	46.21	55.00	55.00	51.47
3	DHOLPUR GAS CAPP (330/330)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4	RAMGARH (273.5/273.5)	46.00	46.00	47.36	46.00	46.00	47.22	48.00	46.00	47.88
5	RAPP-A(200/200)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6	MAHI (140/140)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.57
7	CHAMBAL (RPS+JS) (135.5/271)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.98
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)	218.00	218.00	201.69	218.00	218.00	199.16	218.00	218.00	208.68
10	ADANI (TPS) + KALISINDH (TPS) (1200+1200/1320+1200)	424.00	424.00	393.33	424.00	424.00	354.34	342.00	424.00	342.57
11	WIND FARM (3980.40/4119.15)	200.00	200.00	151.97	35.00	200.00	215.13	80.00	35.00	57.34
12	SOLAR POWER(737.70/1295.70)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
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	-63.42	-69.11	-69.11	-68.35	-63.42	-63.49	-52.34	-68.35	-68.78
16	BIOMASS - (101.95/119.25)	8.00	8.00	5.34	8.00	8.00	6.32	6.00	8.00	6.31
17	BARSINGHAR LTPS(250/250)	48.00	54.00	46.74	48.00	48.00	46.30	48.00	48.00	47.06
18	RAJWEST (1080/1080)	169.00	199.00	180.96	197.00	169.00	142.88	197.00	197.00	184.41
	TOTAL (A) : 1-18	1188.58	1176.89	1072.92	1046.65	1188.58	1072.37	1111.66	1046.65	989.11
19	BBMB COMPLEX									
a)	BHAKRA(230.79/1516.3)	20.79	20.03	20.53	21.18	20.79	21.19	27.32	21.18	23.96
b)	DEHAR (198/990)	17.04	17.76	15.57	16.24	17.04	16.54	16.26	16.24	16.24
c)	PONG (231.66/396)	5.68	6.71	5.51	11.24	5.68	9.20	14.71	11.24	14.47
	TOTAL : a TO c	43.51	44.50	41.61	48.66	43.51	46.93	58.29	48.66	54.67
20	CENTRAL STATIONS									
d)	SINGRAULI (300/2000)	70.42	78.80	72.79	78.80	70.42	60.60	75.34	78.80	84.21
e)	RIHAND (310.24/3000)	87.18	89.69	86.58	89.63	87.18	81.77	88.87	89.63	92.04
f)	UNCHAHAAR-I(20/420)	2.64	3.38	3.35	5.55	2.64	1.46	3.86	5.55	5.03
g)	UNCHAHAAR-II& III(61/630)	8.56	13.11	13.90	22.34	8.56	7.23	14.26	22.34	20.19
h)	INDIRA GANDHI STPS(JHAJHAR) 0.00/1500)	0.00	3.54	3.54	0.00	0.00	0.09	0.37	0.00	0.19
i)	NCTPS DADRI St-II (43.22/980) + DADRI-TH	2.20	4.09	8.32	4.34	2.20	3.93	4.66	4.34	6.47
j)	DADRI GAS (77/830)	4.12	3.82	3.57	3.57	4.12	3.71	3.85	3.57	3.45
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)	11.29	11.26	11.26	11.23	11.29	11.29	11.26	11.23	11.23
n)	RAPP-B (125/440)	31.09	31.09	31.09	31.18	31.09	31.09	31.09	31.18	31.18
o)	RAPP-C (88/440)	24.13	23.01	23.01	24.13	24.13	24.13	24.13	24.13	24.13
p)	SALAL (20.36/690)	3.80	3.80	3.80	3.80	3.80	3.73	3.60	3.80	3.76
q)	URI (70.37/720)	17.91	17.91	17.91	17.91	17.91	17.91	17.91	17.91	17.91
r)	TANAKPUR (10.86/94)	0.31	0.36	0.44	0.43	0.31	0.45	0.54	0.43	0.47
s)	CHAMERA-I (105.84/540)	13.72	25.15	25.15	12.20	13.72	13.72	14.50	12.20	11.76
t)	CHAMERA-II (29.01/300)	6.78	6.44	5.89	7.08	6.78	6.38	6.99	7.08	6.56
u)	CHAMERA-III (25.21/231)	4.93	4.76	4.56	4.65	4.93	4.76	4.69	4.65	4.93
v)	DHAULIGANGA (27/280)	2.53	3.09	2.72	2.47	2.53	2.53	2.47	2.47	2.77
w)	DULHASTI (42.42/390)	12.09	12.09	12.09	12.09	12.09	12.09	12.09	12.09	12.09
x)	SEWA (13/120)	3.72	3.92	3.92	1.94	3.72	2.59	3.72	1.94	1.94
y)	NJPC (112.00/1500)+RAMPUR(31.808/412.02)	25.32	21.51	23.89	27.90	25.32	26.75	24.59	27.90	27.26
z)	TEHRI (75/1000)	5.25	5.25	5.25	4.63	5.25	5.25	4.63	4.63	4.63
aa)	KOTESHWAR (33.44/400) + PARBATI3 (56.73/520)	7.90	7.03	11.53	9.37	7.90	12.95	8.78	9.37	13.46
ab)	TALA	0.74	0.99	0.99	0.71	0.74	0.74	0.72	0.71	0.71
ac)	MUNDRA UMPP (380/4000)	54.48	72.24	72.24	54.48	54.48	54.48	49.92	54.48	52.21
ad)	SASAN (372/3960)	84.29	87.48	82.01	89.34	84.29	74.26	83.25	89.34	85.15
ae)	FRKKA+KHLGN+TLCHR (70.18/3940)	22.79	28.47	22.80	20.52	22.79	11.23	22.58	20.52	10.86
af)	URS POWER(DADRI TH-I)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	TOTAL SCHEDULE(a TO af)	551.71	606.78	594.21	588.94	551.71	522.04	576.97	588.94	589.24
	LOSSES	-15.89	-17.63	-21.41	-17.82	-15.89	-18.14	-24.22	-17.82	-21.46
	NET SCHEDULED	535.82	589.15	572.80	571.12	535.82	503.90	552.75	571.12	567.78
21	BILATERAL (REG.) EXCL. BANKING	12.77	10.84	10.84	14.52	12.77	12.77	11.87	14.52	14.45
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)	114.14	108.23	111.51	114.24	107.68	113.71	108.87	110.09	114.24
24	INTER STATE OPEN ACCESS (BILATERAL+IEX)	63.42	69.11	69.11	68.35	63.42	63.49	52.34	68.35	68.78
25	INDIAN ENERGY EXCHANGE	-47.17	-48.32	-48.32	-30.47	-47.17	-47.17	-0.33	-30.47	-30.47
	TOTAL(B): (19 TO 25)	678.98	734.93	715.93	737.77	678.98	646.71	725.50	737.77	734.79
	TOTAL GENERATION (A +B) : 1 TO 25			1788.85			1719.08			1723.90
	OVER DRAWAL (+)/UNDER DRAWAL (-)			-4.60			15.14			39.79
	GRAND TOTAL	1867.57	1911.82	1784.25	1784.41	1867.57	1734.22	1837.16	1784.41	1763.69

LAST YEAR	1919.27	1901.37	1873.66	1954.48	1919.27	1895.00	2036.12	1954.48	1908.76
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3. SYSTEM PARAMETERS AS ON 30-Apr-17

MAXIMUM DRAWL ON 30-Apr-17	8218 MW at 22.15-22.30 Hrs 49.92 Hz	4. WATER LEVEL OF MAJOR RESERVOIR						
MINIMUM DRAWL ON 30-Apr-17	6330 MW at 18.15-18.30 Hrs 50.05 Hz	Name of reservoir	Capacity level		Actual Level as on		Discharge (cusecs)	Inflow (cusecs)
Max U/D of the day	361 MW at 05.00-05.15 Hrs 50.11 HZ		Max.	Min.	1-May-17	1-May-16		
Max. O/D below 49.7 Hz	MW at	Gandhi Sagar (Ft.)	1312	1250	1296.01	1288.45	NIL	442
No. of Blocks Freq. < 49.7 Hz	0	R.P.Sagar (Ft.)	1157.5	1128	1137.66	1139.24	NIL	NIL
No. of Violation Blocks Freq. < 49.7 Hz	0	Jawahar Sagar (Ft.)	980	970.4	978.00	973.30	NIL	NIL
No. of Blocks in which Freq. >= 49.7 & <49.9 Hz	2	Kota Barrage(Ft.)	854.5	852.3	851.70	850.70		
NO. OF VIOLATION (OD BLOCKS) IN WHICH FREQ. >= 49.7 & <49.9 Hz	1	RMC					20	
No. of Blocks in which Freq. >= 49.9 & <50.00 Hz	57	LMC					NIL	
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & <50.00 Hz	22	Bhakra(Ft.)	1690	1462	1544.58	1559.32	20309	17460
NO. OF BLOCKS(UD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & <50.00 Hz	0	Dehar (Ft.)	2941	2900	2916.99	2921.19	4209	4508
No. of Blocks in which Freq. >= 50.00 & <50.05 Hz	29	Pong(Ft.)	1421	1260	1300.80	1293.08	6626	1881
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 50.00 & <50.05 Hz	9	Mahi-I (Mts.)	281.5	259	269.70	266.60	NIL	NIL
NO. OF BLOCKS(UD ABOVE 250 MW) IN WHICH FREQ. >= 50.00 & <50.05 Hz	0	Mahi-II (Mts.)	220.5	217	218.85	218.20	NIL	NIL
No. of Blocks in which Freq. >= 50.05 & <50.10 Hz	6							
NO. OF UD BLOCKS IN WHICH FREQ. >= 50.05 & <50.10 Hz	3							
No. of Blocks in which Freq. >= 50.10	2							
NO. OF VIOLATION(UD BLOCKS)IN WHICH FREQ. >= 50.10	1							
AVERAGE FREQ. FOR THE DAY 30-Apr-17	49.99 Hz	5. POSITION OF COAL STOCK (In MT)						
Max O/D of the day	940 MW at 00.00-00.15 Hrs 49.95Hz	Date	Name of Station	Stock at 00.00 hrs. (MT)	Coal stock sufficient for No. of days			
Frequency Profile	% of Time	1-May-17	KTPS	561538	28 days			
LESS THAN 48.7 HZ	0.00							
LESS THAN 49.90 HZ	4.75		STPS	376186	15 days			
OPERATING RANGE (49.90 HZ TO 50.05 HZ)	75.60							
ABOVE 50.05 HZ	19.65		CHHABRA	207855	27.5 days			
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	67	KALISINDH	44826	3 days				
No. of 132 KV Feeders Disconnected	0							

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

1-May-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.15/97.14)
DCCPP	HRSG#1	55.00	50	12.00	50	03-Oct-15	22.35			DESYNCHRONIZED DUE TO LESS ALLOCATION OF GAS (PERMISSION NOT GRANTED BY RUVNL)
DCCPP	GT#1	110.00	100	24.00	100	08-May-16	11.85			MT AFTER CARRYING OUT PSS TUNING WORK (PERMISSION TAKEN FOR TEST RUN OF 01.00 HRS. ON DT. 08.05.16)
DCCPP	HRSG#2*	55.00	50	12.00	50	13-Jul-16	16.35			BOXED UP
DCCPP	GT#2*	110.00	100	24.00	100	13-Jul-16	16.40			BOXED UP
STPS	5*	250.00	229	55.00	229	11-Nov-16	12.32			BOXED UP
STPS	6*	250.00	229	55.00	229	19-Nov-16	0.31			BOXED UP
STPS	4*	250.00	229	55.00	229	29-Dec-16	1.17			BOXED UP
STPS	3*	250.00	229	55.00	229	29-Dec-16	5.23			BOXED UP
STPS	2*	250.00	229	55.00	229	04-Mar-17	20.02			BOXED UP
KTPS	5*	210.00	192	3.45	0	08-Mar-17	12.24	01-May-17	1.48	BOXED UP AS W.E.F. 00.00 HRS. OF DATED 14/04/17 (PERMISSION NOT GRANTED BY RDPPC)
KTPS	1*	110.00	100	23.00	100	10-Mar-17	14.42			BOXED UP
KTPS	2	110.00	100	23.00	100	09-Mar-17	13.06			DESYNCHRONIZED DUE TO LEAKAGE IN STEAM LINE. (PERMISSION NOT GRANTED BY RDPPC)
RAMGARH	GT #2	37.50	29	7.00	29	24-Apr-17	21.05			LESS GAS AVAILABILITY
KTPS	4	210.00	192	0.00	0	26-Apr-17	16.20	30-Apr-17	9.07	BOXED UP
KTPS	3	210.00	192	46.00	192	26-Apr-17	21.20			BOXED UP
Total(A) STATE SECTOR- PLANNED OUTAGE		2592.50	2320.00	466.25	1936.00					
CENTRAL SECTOR										
AURAIYA	GT#6	109.30	12	2.90	12	20-Jun-16	5.37			LESS GAS AVAILABILITY
AURAIYA	GT#4	111.19	18	4.40	18	20-Jun-16	5.53			LESS GAS AVAILABILITY
AURAIYA	GT#2	111.19	18	4.40	18	09-Sep-16	4.25			LESS GAS AVAILABILITY
ANTA	GT#1	88.71	31	7.50	31	18-Nov-16	14.28			LESS GAS AVAILABILITY
ISTPP-JHAJJAR	3*	500.00	5	1.20	5	22-Dec-16	20.21			LESS DEMAND
ANTA	GT#2	88.71	31	7.50	31	15-Mar-17	19.03			LESS GAS AVAILABILITY
ANTA	GT#3	88.71	31	7.50	31	15-Mar-17	17.33			LESS GAS AVAILABILITY
ANTA	GT#4	153.20	34	8.20	34	15-Mar-17	17.44			LESS GAS AVAILABILITY
AURAIYA	GT#5	109.30	12	2.90	12	19-Mar-17	17.44			LESS GAS AVAILABILITY
AURAIYA	GT#1	111.19	18	4.40	18	19-Mar-17	17.53			LESS GAS AVAILABILITY
SINGRAULI	1 @	200.00	34	8.20	34	30-Mar-17	0.38	07-May-17		ANNUAL MAINTENANCE
RIHAND	4 @	500.00	59	14.20	59	02-Apr-17	22.31			ANNUAL MAINTENANCE
DABRI	GT#1	130.19	22	5.30	22	12-Apr-17	21.00			LESS GAS AVAILABILITY
DABRI	GT#2	130.19	22	5.30	22	12-Apr-17	21.58			LESS GAS AVAILABILITY
Total(B) CENTRAL SECTOR- PLANNED OUTAGE		2431.88	347.00	83.90	347.00					

(B) FORCE OUTAGE

STATE SECTOR										
STATE SECTOR										
GIRAL	2	125.00	70	16.80	70	27-Jun-16	15.27	01-Jun-17		DESYNCHRONIZED DUE TO ATTEND TUBE LEAKAGE IN ASH COOLAR-I
ADANI	1	600.00	600	144.00	600	03-Apr-17	8.06	02-May-17		TURBINE BEARING ONE METAL HIGHER TEMPERATURE
RAPP-A	2	200.00	150	36.00	150	28-Apr-17	20.09	01-May-17		TO ATTEND PLANNED JOBS
RAJWEST	2	135.00	120	28.68	120	28-Apr-17	2.58	01-May-17		BAD MATERIAL LEAKAGE
TOTAL STATE FORCE OUTAGE		1120.00	939.50	225.48	940.00					
CENTRAL SECTOR										
SINGRAULI	5	200.00	34	8.20	34	18-Apr-17	7.13			HYDROGEN PRESSURE LOW
Total(B) CENTRAL SECTOR- FORCED OUTAGE		200.00	34.00	8.20	34.00					
G.TOTAL				233.68	974.00					

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 (\$).