



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

Power Position 22-May-17	Point No.
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1. Date-Wise Energy Availability, Consumption,OD(+)/UD(-), Peak Load, Avg. Frequency,Wind Gen. --MAY- 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		
May-17										
01-May-17	1837.16	2036.12	1833.87	1885.79	22.71	18.10	8892	8719	49.99	135.04
02-May-17	1849.34	2032.84	1823.88	1891.60	28.21	9.22	8587	8883	49.92	154.65
03-May-17	1603.25	2007.99	1665.22	1877.74	49.01	11.51	7838	9026	49.89	73.67
04-May-17	1782.60	2012.54	1919.59	1941.24	38.13	5.30	8953	8793	49.96	49.55
05-May-17	1979.93	2006.33	1990.19	1728.63	1.86	-25.93	9488	8586	49.95	80.75
06-May-17	2125.12	1998.98	1982.31	1716.68	1.49	20.46	9243	8438	49.96	126.47
07-May-17	2152.19	1999.74	1889.27	1878.18	16.89	12.33	8986	9024	49.98	166.18
08-May-17	1981.55	2036.87	1900.90	1863.74	19.13	10.81	8876	8623	49.98	155.70
09-May-17	2127.50	1998.34	1957.52	1867.82	12.93	1.86	9083	8475	49.99	206.52
10-May-17	2135.63	2092.96	1929.02	1829.76	20.60	-11.09	8866	8312	49.98	164.11
11-May-17	2145.59	2022.13	1961.87	1876.42	-2.22	19.12	9360	8803	49.95	181.76
12-May-17	2131.77	2090.79	2040.20	1930.77	-6.21	-12.23	9393	9169	49.93	111.60
13-May-17	2132.40	2115.00	2106.98	1922.65	7.12	3.40	10030	9213	49.97	125.20
14-May-17	2277.47	2131.90	2036.35	1993.35	19.40	5.84	9818	9175	49.92	217.40
15-May-17	2231.94	2116.50	2083.11	1964.62	29.63	12.39	9956	9075	50.01	266.44
16-May-17	2228.76	2041.04	2016.63	1940.25	7.64	27.99	9649	8928	49.99	164.46
17-May-17	2082.03	2161.73	1846.51	1989.82	44.70	6.98	9022	9472	49.98	163.10
18-May-17	1998.98	2060.55	1930.20	2051.86	38.06	27.84	8912	9508	49.98	266.76
19-May-17	2122.39	2048.30	1887.98	2090.18	46.63	27.80	8724	9690	49.99	381.53
20-May-17	1940.83	2114.26	1834.29	2076.07	57.70	33.29	8900	9538	49.98	338.30
21-May-17	1598.99	2206.04	1699.47	2033.25	43.05	11.25	8326	9329	50.02	341.11
22-May-17	1781.03	2336.19								
23-May-17										
24-May-17										
25-May-17										
26-May-17										
27-May-17										
28-May-17										
29-May-17										
30-May-17										
31-May-17										
MAXIMUM OF THE MONTH	2277.47	2336.19	2106.98	2090.18	57.70	33.29	10030.00	9690.00	50.02	381.53
MIN OF THE MONTH	1598.99	1998.34	1665.22	1716.68	-6.21	-25.93	7838.00	8312.00	49.89	49.55
AVERAGE	2011.20	2075.78	1920.73	1921.45	23.64	10.30	9090.57	8989.48	49.97	184.30
MAX.CONSUMPTION TILL DATE DURING THE FY 2017-18 (L.U.)							2106.98	13-May-17		
MAX.PEAK LOAD TILL DATE DURING THE FY 2017-18 (MW)							10030	(23.15-23.30 Hrs.)	13-May-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.)							445.99	22-Apr-17		
MAX.WIND DURING THE YEAR 2016-17 (L.U.)							413.67	06-Jul-16		

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)	130.00	250.00	185.19	130.00	130.00	124.82	130.00	130.00	129.12
2	STPS (1500/1500)	55.00	55.00	44.51	0.00	55.00	46.36	55.00	0.00	27.24
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)	48.00	49.00	45.56	49.00	48.00	44.62	48.00	49.00	37.62
5	RAPP-A(200/200)	38.00	38.00	41.42	38.00	38.00	41.35	38.00	38.00	41.44
6	MAHI (140/140)	0.00	0.00	0.66	0.00	0.00	2.40	0.00	0.00	0.62
7	CHAMBAL (RPS+JS) (135.5/271)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.54
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)	107.00	107.00	83.73	146.00	107.00	81.98	161.00	146.00	116.55
10	ADANI (TPS) + KALISINDH (TPS) (1200+1200/1320+1200)	426.00	426.00	347.79	0.00	426.00	323.14	426.00	0.00	116.54
11	WIND FARM (3980.40/4119.15)	350.00	300.00	381.53	350.00	350.00	338.30	150.00	350.00	341.11
12	SOLAR POWER(737.70/1295.70)	0.00	0.00	3.07	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	-65.49	-58.10	-58.10	-81.07	-65.49	-65.49	-72.52	-81.07	-81.27
16	BIOMASS – (101.95/119.25)	6.00	5.00	5.75	5.00	6.00	4.60	5.00	5.00	4.66
17	BARSINGHAR LTPS(250/250)	26.00	26.00	25.33	26.00	26.00	24.81	26.00	26.00	25.20
18	RAJWEST (1080/1080)	201.00	201.00	127.04	201.00	201.00	170.71	201.00	201.00	175.13
	TOTAL (A) : 1-18	1321.51	1398.90	1233.48	863.93	1321.51	1137.60	1167.48	863.93	935.49
19	BBMB COMPLEX									
a)	BHAKRA(230.79/1516.3)	26.17	27.30	26.82	26.16	26.17	26.82	25.15	26.16	26.06
b)	DEHAR (198/ 990)	22.96	22.96	22.96	22.96	22.96	22.96	22.96	22.96	22.96
c)	PONG (231.66/396)	11.88	12.18	11.88	10.97	11.88	11.88	10.91	10.97	10.65
	TOTAL : a TO c	61.00	62.44	61.66	60.09	61.00	61.66	59.02	60.09	59.67
20	CENTRAL STATIONS									
d)	SINGRAULI (300/ 2000)	52.96	58.27	50.82	60.78	52.96	52.96	54.63	60.78	52.56
e)	RIHAND (310.24/3000)	78.22	65.70	69.31	75.66	78.22	78.22	70.86	75.66	82.66
f)	UNCHAHAR-II(20/420)	0.16	0.00	0.57	1.35	0.16	1.59	3.14	1.35	3.83
g)	UNCHAHAR-II& III(61/630)	2.06	0.00	1.71	9.02	2.06	12.10	10.55	9.02	17.92
h)	INDIRA GANDHI STPS(JHAJHAR) 0.00/1500)	0.51	0.00	0.00	0.87	0.51	1.22	1.24	0.87	1.68
i)	NCTPS DADRI St-II (43.22/980) + DADRI-TH	0.74	0.00	0.07	5.12	0.74	7.86	2.46	5.12	10.47
j)	DADRI GAS (77/830)	1.58	0.38	0.60	3.27	1.58	6.77	4.18	3.27	7.55
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)	INAPP (44/440)	11.17	10.69	10.69	11.09	11.17	11.17	11.14	11.09	11.09
n)	RAPP-B (125/440)	30.83	108.65	30.83	30.66	30.83	30.83	30.66	30.66	30.66
o)	RAPP-C (88/440)	22.44	23.12	23.12	22.44	22.44	22.44	22.44	22.44	22.44
p)	SALAL (20.36/690)	4.68	4.25	4.53	4.68	4.68	4.51	4.64	4.68	4.68
q)	URI (70.37/720)	17.90	17.90	17.85	17.90	17.90	17.90	17.90	17.90	17.90
r)	TANAKPUR (10.86/94)	0.84	1.16	1.01	0.92	0.84	0.81	0.87	0.92	1.08
s)	CHAMERA –I (105.84/540)	20.58	25.12	25.12	17.64	20.58	20.58	19.60	17.64	17.37
t)	CHAMERA-II (29.01/300)	8.90	8.90	8.90	8.90	8.90	8.90	8.90	8.90	8.90
u)	CHAMERA-III (25.21/231)	7.23	7.23	6.86	7.13	7.23	7.23	7.13	7.13	7.13
v)	DHAULIGANGA (27/280)	4.32	4.63	3.52	3.57	4.32	3.86	4.04	3.57	3.79
w)	DULHASTI (42.42/390)	12.09	12.09	12.09	12.01	12.09	12.09	12.01	12.01	12.01
x)	SEWA (13/120)	3.92	3.70	3.70	3.70	3.92	3.92	3.70	3.70	3.70
y)	NJPC (112.00/1500)+RAMPUR(31.808/412.02)	40.37	40.37	40.37	40.37	40.37	40.37	40.37	40.37	39.53
z)	TEHRI (75/1000)	5.70	5.70	5.06	5.70	5.70	5.70	5.70	5.70	5.47
aa)	KOTESHWAR (33.44/400) + PARBATI3 (56.73/520)	16.98	18.15	23.40	18.15	16.98	22.94	17.97	18.15	24.11
ab)	TALA (1.59/2.12)	1.59	2.12	2.12	1.74	1.59	1.59	1.44	1.74	1.74
ac)	MUNDRA UMPP (380/4000)	54.48	54.48	51.08	54.72	54.48	54.48	32.49	54.72	45.96
ad)	SASAN (372/3960)	62.24	64.50	50.82	93.59	62.24	62.24	42.00	93.59	78.59
ae)	FRKKA+KHLGN+TLCHR (70.18/3940)	21.65	21.25	1.23	27.93	21.65	19.07	20.33	27.93	21.67
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)	545.13	620.86	507.04	598.98	545.13	572.99	509.39	598.98	594.15
	LOSSES	-16.85	-20.56	-20.81	-19.26	-16.85	-25.04	-16.69	-19.26	-24.61
	NET SCHEDULED	528.28	600.30	486.23	579.71	528.28	547.95	492.70	579.71	569.54
21	BILATERAL (REG.) EXCL. BANKING	24.07	24.07	24.07	24.07	24.07	24.07	24.00	24.07	24.07
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)	57.24	42.80	55.69	57.24	49.85	57.24	27.00	50.88	53.06
24	INTER STATE OPEN ACCESS (BILATERAL+IEX)	65.49	58.10	58.10	81.07	65.49	65.49	72.52	81.07	81.27
25	INDIAN ENERGY EXCHANGE	-55.75	-16.22	-16.22	-7.03	-55.75	-55.75	-2.66	-7.03	-7.03
	TOTAL(B): (19 TO 25)	619.33	723.49	607.87	735.05	619.33	638.99	613.55	735.05	720.92
	TOTAL GENERATION (A +B) : 1 TO 25			1841.35			1776.59			1656.41
	OVER DRAWAL (+)/UNDER DRAWAL (-)			46.63			57.70			43.05
	GRAND TOTAL	1940.83	2122.39	1887.98	1598.99	1940.83	1834.29	1781.03	1598.99	1699.46
	LAST YEAR	2114.26	2048.30	2090.18	2206.04	2114.26	2076.08	2336.19	2206.04	2033.25

3. SYSTEM PARAMETERS AS ON 21-May-17

MAXIMUM DRAWL ON 21-May-17	8326 MW at 13.30-13.45 Hrs 50.04 Hz
MINIMUM DRAWL ON 21-May-17	5424 MW at 23.45-00.00 Hrs 50.10 Hz
Max O/D of the day	747 MW at 21.45-22.00 Hrs 50.07 Hz
Max. O/D below 49.7 Hz	MW at
No. of Blocks Freq. < 49.7 Hz	0
No. of Violation Freq. < 49.7 Hz	0
No. of Blocks in which Freq. >= 49.7 & < 49.9 Hz	0
NO. OF VIOLATION (OD BLOCKS) IN WHICH FREQ. >= 49.7 & < 49.9 Hz	0
No. of Blocks in which Freq. >= 49.9 & < 50.00 Hz	35
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & < 50.00 Hz	20
NO. OF BLOCKS(UD ABOVE 250 MW) IN WHICH FREQ. >= 50.00 & < 50.05 Hz	1
No. of Blocks in which Freq. >= 50.00 & < 50.05 Hz	39
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 50.00 & < 50.05 Hz	18
NO. OF BLOCKS(UD ABOVE 250 MW) IN WHICH FREQ. >= 50.00 & < 50.05 Hz	8
No. of Blocks in which Freq. >= 50.05 & < 50.10 Hz	14
NO. OF UD BLOCKS IN WHICH FREQ. >= 50.05 & < 50.10 Hz	6
No. of Blocks in which Freq. >= 50.10	8
NO. OF VIOLATION(UD BLOCKS) IN WHICH FREQ. >= 50.10	6

4. WATER LEVEL OF MAJOR RESERVOIR

Name of reservoir	Capacity level		Actual Level as on		Discharge (cusecs)	Inflow (cusecs)
	Max.	Min.	22-May-17	22-May-16		
Gandhi Sagar (Fl.)	1312	1250	1295.61	1286.97	NIL	407
R.P.Sagar (Fl.)	1157.5	1128	1136.89	1140.85	NIL	NIL
Jawahar Sagar (Fl.)	980	970.4	976.80	973.50	NIL	NIL
Kota Barrage(Fl.)	854.5	852.3	851.51	851.00		
RMC					20	
L.MC					NIL	
Bhakra(Fl.)	1690	1462	1539.71	1563.28	21312	29054
Dehar (Fl.)	2941	2900	2924.86	2932.34	6101	8303
Pong(Fl.)	1421	1260	1295.27	1285.90	5005	2869
Mahi-I (Mts.)	281.5	259	269.60	266.40	535	NIL
Mahi-II (Mts.)	220.5	217	218.35	217.70	NIL	NIL

5. POSITION OF COAL STOCK (In MT)

AVERAGE FREQ. FOR THE DAY	21-May-17	50.02 Hz	Date	Name of Station	Stock at 00.00 hrs. (MT)	Coal stock sufficient for No. of days
Max O/D of the day	946 MW at 01.45-02.00 Hrs 50.01 Hz		22-May-17	KTPS	273088	13.5 days
Frequency Profile	% of Time					
LESS THAN 49.7 HZ	0.00					
LESS THAN 49.90 HZ	4.95					
OPERATING RANGE (49.90 HZ TO 50.05 HZ)	76.91					
ABOVE 50.05 HZ	18.14					
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	54		KALISINDH	63013	4.5 days	
No. of 132 KV Feeders Disconnected	0					
No. of Violation(UD BLOCKS) IN WHICH FREQ. >= 50.10	6					

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

22-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 (S/D W.E.F.15.07.14)
DCCPP	HRSG1	55.00	50	12.00	50	03-Oct-15	22.35		DESYNCHRONIZED DUE TO LESS ALLOCATION OF GAS (PERMISSION NOT GRANTED BY RVNL)
DCCPP	GT#1	110.00	100	24.00	100	08-May-16	11.85		MT AFTER CARRYING OUT PMS TUNING WORK (PERMISSION TAKEN FOR TEST RUN OF 01.00 HRS. ON DT. 06.05.16)
DCCPP	HRSG2*	55.00	50	12.00	50	13-Jul-16	16.25		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	18-May-17	17.00		BOXED UP
STPS	1	250.00	229	55.00	229	11-May-17	20.57		BOILER LEVEL LOW (PERMISSION OF SYNCHRONIZATION IS NOT GRANTED BY RVNL ON DT. 12.05.17)
STPS	4*	250.00	229	55.00	229	15-May-17	18.15		BOXED UP
STPS	6*	250.00	229	55.00	229	16-May-17	21.41		BOXED UP
STPS	3	250.00	229	55.00	229	14-May-17	23.47		BOILER SIDE PROBLEM (PERMISSION OF SYNCHRONIZATION IS NOT GRANTED BY RVNL ON DT. 17.05.17 AT 6:12 HRS)
KTPS	2*	110.00	100	23.00	100	19-May-17	13.52		BOXED UP
KTPS	1*	110.00	100	23.00	100	19-May-17	14.11		BOXED UP
KTPS	3*	210.00	192	46.00	192	19-May-17	16.57		BOXED UP
KTPS	4*	210.00	192	46.00	192	19-May-17	17.59		BOXED UP
Totals STATE SECTOR-PLANNED OUTAGE		2345.00	2099.00	501.80	2099.00				

CENTRAL SECTOR

ANTA	GT#1	88.71	31	7.50	31	18-Nov-16	14.28		LESS GAS AVAILABILITY
ANTA	GT#2	88.71	31	7.50	31	15-Mar-17	19.83		LESS GAS AVAILABILITY
ANTA	GT#3	88.71	31	7.50	31	15-Mar-17	17.33		LESS GAS AVAILABILITY
ANTA	GT#4	153.28	34	8.20	34	15-Mar-17	17.44		LESS GAS AVAILABILITY
AURAIYA	GT#5	109.20	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
DABRI	GT#4	130.19	22	5.30	22	20-Mar-17	8.00		LESS GAS AVAILABILITY
DABRI	GT#6	154.51	16	3.90	16	06-Apr-17	0.85		LESS GAS AVAILABILITY
DABRI	GT#5	154.51	16	3.90	16	16-Apr-17	0.23		LESS GAS AVAILABILITY
Totals CENTRAL SECTOR-PLANNED OUTAGE		1079.03	211.00	51.10	211.00				

(B) FORCE OUTAGE

STATE SECTOR										
STATE SECTOR	UNIT OUT	INSTALLED CAPACITY	NET ALLOC / AVAIL. (MW)		OUTAGE		EXPECT/REVIVAL		REASON OF OUTAGE	
GIRAL	2	125.00	70	16.80	70	27-Jun-16	15.27	01-Jun-17	DESYNCHRONIZED DUE TO ATTEND TUBE LEAKAGE IN ASH COOLERS-I	
BARINGSAR	2	125.00	110	26.40	110	01-May-17	16.12	22-May-17	DESYNCHRONIZED DUE TO REFRACTORY MAINTENANCE WORK	
RAJWEST	5	135.00	120	28.68	120	02-May-17	3.01	23-May-17	BED MATERIAL LEAKAGE	
CHHABRA	2	250.00	225	54.00	225	02-May-17	16.51	20-May-17	COAL FEEDING PROBLEM	
BAMGARH	STG#1	37.50	10	3.00	10	07-May-17	14.02	22-May-17	GRID FAILURE	
CHHABRA	3	250.00	225	0.00	0	17-May-17	11.02	21-May-17	3.38	OIL LEAKAGE IN LOF OF GUIDE BEARING OF APH-3B.
KALISINDH	1	600.00	565	0.00	0	17-May-17	12.59	21-May-17	18.02	SUSPECTED BOILER TUBE LEAKAGE
ADANI	1	660.00	600	0.00	0	20-May-17	20.06	21-May-17	9.01	CASCADE TRIPPING OF 765 KV ANTA - PHAG I & H
ADANI	2	660.00	600	0.00	0	20-May-17	20.06	21-May-17	12.45	CASCADE TRIPPING OF 765 KV ANTA - PHAG I & H
KALISINDH	2	600.00	565	135.00	565	20-May-17	20.06	23-May-17		CASCADE TRIPPING OF 765 KV ANTA - PHAG I & H
CHHABRA	1	250.00	225	0.00	0	20-May-17	20.06	21-May-17	1.39	CASCADE TRIPPING OF 765 KV ANTA - PHAG I & H
CHHABRA	4	250.00	225	0.00	0	20-May-17	20.06	21-May-17	1.22	CASCADE TRIPPING OF 765 KV ANTA - PHAG I & H
STPS	2	250.00	229	0.00	0	20-May-17	23.17	21-May-17	9.33	DUE TO LOSS OF EXCITATION
TOTAL STATE FORCE OUTAGE		4192.50	3769.00	264.48	1100.00					
CENTRAL SECTOR										
NINGRAJLI	6	500.00	85	0.00	0	17-May-17	19.42	21-May-17	18.38	BOILER TUBE LEAKAGE
RIBAND	4	500.00	59	0.00	0	18-May-17	8.01	21-May-17	12.58	REASON NOT AVAILABLE IN SRLDC REPORT
UNCHHAR	2	210.00	24	5.70	24	19-May-17	12.59			BOILER TUBE LEAKAGE
Totals CENTRAL SECTOR-FORCED OUTAGE		1210.00	168.00	5.70	24.00					
G.TOTAL			270.18	1124.00						

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).