



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

Power Position 21-Jul-17	Point No.
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1. Date-Wise Energy Availability, Consumption,OD(+)/UD(-), Peak Load, Avg. Frequency,Wind Gen. –JUNE- 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		
Jun-17										
01-Jul-17	1598.79	2007.54	1429.11	1750.35	26.54	-0.27	7214	8343	49.99	59.72
02-Jul-17	1733.97	1949.49	1387.56	1647.08	20.29	-3.83	6861	7817	50.01	141.91
03-Jul-17	1527.20	1867.32	1422.68	1578.57	-9.04	18.44	6862	7410	49.97	300.78
04-Jul-17	1688.36	1753.63	1480.05	1554.49	-0.57	26.84	7462	7516	49.99	482.76
05-Jul-17	1686.14	1852.92	1642.02	1661.54	25.78	8.44	8338	8110	49.99	459.66
06-Jul-17	1862.49	1781.84	1774.40	1779.17	25.26	12.78	8894	8487	50.01	458.93
07-Jul-17	1773.03	1952.72	1856.60	1852.36	30.41	9.57	8727	8415	49.97	277.45
08-Jul-17	1763.64	1852.59	1889.42	1849.52	26.78	55.45	8568	8275	49.96	217.78
09-Jul-17	1835.33	1715.74	1939.92	1787.04	18.23	26.96	9218	8084	50.00	356.36
10-Jul-17	1938.11	1900.43	1979.04	1751.72	13.12	33.43	9795	7884	49.99	440.83
11-Jul-17	1975.94	1873.34	2057.75	1697.65	16.76	9.54	9613	7598	50.00	470.40
12-Jul-17	1943.50	1849.40	2004.60	1662.20	22.79	26.76	9154	7531	49.99	388.24
13-Jul-17	1867.76	1883.48	1822.66	1613.39	41.91	7.15	8698	7518	49.99	116.90
14-Jul-17	1540.41	1850.58	1689.23	1652.74	52.34	5.81	8018	7509	50.00	94.27
15-Jul-17	1754.32	1878.50	1762.00	1562.13	22.33	7.74	7798	7448	49.99	66.73
16-Jul-17	1730.31	1760.14	1699.62	1418.02	23.31	-8.47	8022	6559	49.99	39.03
17-Jul-17	1717.69	1730.94	1775.55	1420.42	17.17	6.03	8067	6603	49.98	36.95
18-Jul-17	1796.91	1671.28	1723.41	1573.58	-6.65	38.36	8227	7536	49.98	45.61
19-Jul-17	1741.66	1713.29	1756.14	1693.85	-2.50	38.82	7783	7991	50.00	50.19
20-Jul-17	1807.35	1750.83	1725.97	1781.16	-7.18	31.23	8098	8466	50.01	72.88
21-Jul-17	1983.70	1930.22								
22-Jul-17										
23-Jul-17										
24-Jul-17										
25-Jul-17										
26-Jul-17										
27-Jul-17										
28-Jul-17										
29-Jul-17										
30-Jul-17										
31-Jul-17										
MAXIMUM OF THE MONTH	1983.70	2007.54	2057.75	1852.36	52.34	55.45	9795.00	8487.00	50.01	482.76
MIN OF THE MONTH	1527.20	1671.28	1387.56	1418.02	-9.04	-8.47	6861.00	6559.00	49.96	36.95
AVERAGE	1785.62	1842.83	1740.89	1664.35	17.85	17.54	8270.85	7755.00	49.99	228.87
MAX.CONSUMPTION TILL DATE DURING THE FY 2017-18 (L.U.)							2211.92	06-Jun-17		
MAX.PEAK LOAD TILL DATE DURING THE FY 2017-18 (MW)							10347	(23.15-23.30 Hrs.)	06-Jun-17	
MAX.CONSUMPTION DURING THE FY 2016-17 (L.U.)							2114.62	20-Sep-16		
MAX.PEAK LOAD DURING THE FY 2016-17 (MW)							9906	(07.00-07.15Hrs.)	ON 16-02-17	
MAX.WIND TILL DATE DURING THE YEAR 2017-18 (L.U.)							482.76	04-Jul-17		
MAX.WIND DURING THE YEAR 2016-17 (L.U.)							413.67	06-Jul-16		

2. Anticipated Availability/Generation Assessment 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
		20-Jul-17		
1	KTPS (1240/1240)	176.00	176.00	151.05
2	STPS (1500/1500)	55.00	55.00	44.96
3	DHOLPUR GAS CAPP (330/330)	0.00	0.00	0.00
4	RAMGARH (273.5/273.5)	44.00	44.00	43.34
5	RAPP-A(200/200)	38.00	38.00	39.97
6	MAHI (140/140)	0.00	0.00	0.00
7	CHAMBAL (RPS+JS) (135.5/271)	0.00	0.00	0.24
8	GIRAL LIGNITE (250/250)	0.00	0.00	0.00
9	CHHABRA TPS 1000/1000)	162.00	159.00	176.99
10	ADANI (TPS) + KALISINDH (TPS) (1200+1200/1320+1200)	411.00	259.00	257.09
11	WIND FARM (3980.40/4119.15)	60.00	40.00	72.88
12	SOLAR POWER(737.70/1295.70)	0.00	0.00	0.00
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	-55.99	-89.45	-89.45
16	BIOMASS – (101.95/119.25)	7.00	5.00	6.59
17	BARSINGHAR LTPS(250/250)	54.00	54.00	52.03
18	RAJWEST (1080/1080)	229.00	229.00	159.16
	TOTAL (A) : 1-18	1180.01	969.55	914.85
19	BBMB COMPLEX			
a)	BHAKRA(230.79/1516.3)	37.82	38.71	37.69
b)	DEHAR (198/ 990)	29.54	30.10	29.53
c)	PONG (231.66/396)	13.42	10.35	11.25
	TOTAL : a TO c	80.78	79.16	78.47
20	CENTRAL STATIONS			
d)	SINGRAULI (300/ 2000)	91.46	91.46	88.23
e)	RIHAND (310.24/3000)	95.94	95.94	92.96
f)	UNCHAHAAR-I(20/420)	0.19	3.00	1.33
g)	UNCHAHAAR-II& III(61/630)	1.73	5.63	3.66
h)	INDIRA GANDHI STPS(JHAJHAR) 0.00/1500)	0.00	0.00	0.00
i)	NCTPS DADRI St-II (43.22/980) + DADRI-TH	0.18	2.67	3.31
j)	DADRI GAS (77/830)	2.81	3.21	3.28
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)	7.68	4.25	4.25
n)	RAPP-B (125/440)	31.09	31.09	31.09
o)	RAPP-C (88/440)	20.58	20.58	20.58
p)	SALAL (20.36/690)	4.76	4.68	4.64
q)	URI (70.37/720)	16.70	15.09	15.33
r)	TANAKPUR (10.86/94)	2.51	2.39	2.28
s)	CHAMERA –I (105.84/540)	25.15	25.15	25.15
t)	CHAMERA-II (29.01/300)	6.96	6.96	6.96
u)	CHAMERA-III (25.21/231)	6.02	6.02	6.02
v)	DHAULIGANGA (27/280)	6.50	6.50	6.50
w)	DULHASTI (42.42/390)	10.09	10.09	10.09
x)	SEWA (13/120)	3.28	3.28	3.28
y)	NJPC (112.00/1500)+RAMPUR(31.808/412.02)	34.83	16.38	22.86
z)	TEHRI (75/1000)	13.95	9.68	9.67
aa)	KOTESHWR (33.44/400) + PARBATI3 (56.73/520)	20.40	20.40	32.00
ab)	TALA	3.68	3.69	3.69
ac)	MUNDRA UMPP (380/4000)	90.00	90.00	88.50
ad)	SASAN (372/3960)	85.66	87.48	80.23
ae)	FRKKA+KHLGN+TLCHR (70.18/3940)	15.02	20.78	9.64
af)	URS POWER(DADRI TH-I)	0.00	0.00	0.00
	TOTAL SCHEDULE(a TO af)	677.96	665.55	654.01
	LOSSES	-14.54	-16.04	-24.00
	NET SCHEDULED	663.42	649.51	630.01
21	BILATERAL (REG.) EXCL. BANKING	26.28	24.62	24.62
22	BANKING	-48.23	-48.23	-48.23
23	BILATERAL(INTER-REG.) EXCLUDING (ISOA & BANKING)	116.73	127.50	129.09
24	INTER STATE OPEN ACCESS (BILATERAL+IEX)	55.99	89.45	89.45
25	INDIAN ENERGY EXCHANGE	-10.50	-6.64	-6.64
	TOTAL(B): (19 TO 25)	803.69	837.80	818.30
	TOTAL GENERATION (A +B) : 1 TO 25			1733.16
	OVER DRAWAL (+)/UNDER DRAWAL (-)			-7.18
	GRAND TOTAL	1983.70	1807.35	1725.97
	LAST YEAR	1930.22	1750.83	1781.16

3.SYSTEM PARAMETERS AS ON 20-Jul-17

MAXIMUM DRAWL ON 20-Jul-17	8098 MW at 22.45-23.00 Hrs 49.99 Hz
MINIMUM DRAWL ON 20-Jul-17	5899 MW at 18.15-18.30 Hrs 49.96 Hz
Max U/D of the day	764 MW at 19.30-19.45 Hrs 49.95 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	1
NO. OF VIOLATION (OD BLOCKS) IN WHICH FREQ. >= 49.7 & <49.9 Hz	1
No. of Blocks in which Freq. >= 49.9 & <50.00 Hz	31
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & <50.00 Hz	3
NO. OF BLOCKS(UD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & <50.00 Hz	6
No. of Blocks in which Freq. >= 50.00 & <50.05 Hz	50
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 50.00 & <50.05 Hz	0
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	13
NO. OF UD BLOCKS IN WHICH FREQ. >= 50.05 & <50.10 Hz	10
No. of Blocks in which Freq. >= 50.10	1
NO. OF VIOLATION(UD BLOCKS) IN WHICH FREQ. >= 50.10	1
AVERAGE FREQ. FOR THE DAY	20-Jul-17 50.01 Hz
Max O/D of the day	641 MW at 20.00-20.15 Hrs 49.88Hz
Frequency Profile	% of Time
LESS THAN 49.7 HZ	0.00
LESS THAN 49.90 HZ	2.64
OPERATING RANGE (49.90 HZ TO 50.05 HZ)	74.91
ABOVE 50.05 HZ	22.45
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	6
No. of 132 KV Feeders Disconnected	0

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

21-Jul-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.15.07.14)	
DCCPP	HRS01	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	11.05		MT AFTER CARRYING OUT PSS TUNING WORK (PERMISSION TAKEN FOR TEST RUN OF 01.00 HRS. ON DT. 08.05.16)	
DCCPP	HRS02*	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	18-May-17	17.00		BOXED UP	
STPS	6*	250.00	229	55.00	229	16-May-17	21.41		BOXED UP	
KTPS	4*	210.00	192	46.00	192	20-Jun-17	12.06		BOXED UP (SHUT DOWN TAKEN AT 07.00 HRS/14.07.17 BY KTPS)	
KALISINDH	2*	600.00	565	0.00	0	21-Jun-17	7.13	20-Jul-17	18.59	BOXED UP
KALISINDH	1*	600.00	565	135.00	565	29-Jun-17	12.44		BOXED UP (SHUT DOWN TAKEN AT 06.40 HRS/18.07.17 FOR 10 DAYS BY KALISINDH)	
CHHABRA	4*	250.00	225	54.00	225	02-Jul-17	19.11		BOXED UP (ANNUAL S/D FOR 15 DAYS W.E.F. 00.00 HRS DT 08.07.17)	
STPS	2*	250.00	229	55.00	229	04-Jul-17	14.22		DESYNCHRONISED (AGAINST STPS#1 WHICH WAS BOXED-UP)	
STPS	1	250.00	229	55.00	229	13-Jul-17	3.17		DESYNCHRONISED DUE TO STEAM LEAKAGE IN BOILER DRUM (PERMISSION NOT GRANTED BY RVNL ON DT. 15.07.17)	
STPS	3*	250.00	229	55.00	229	16-Jul-17	18.18		BOXED UP	
KTPS	5	210.00	192	46.00	192	19-Jul-17	3.01		DESYNCHRONISED DUE TO CLEANGING OF CONDENSER (PERMISSION NOT GRANTED BY RVNL ON DT. 19.07.17 W.E.F. 16.43 HRS)	
Total(A) STATE SECTOR-PLANNED OUTAGE		3575.00	3254.00	645.40	2689.00					

CENTRAL SECTOR

DADRI	GT#4	130.19	22	5.30	22	06-Apr-17	0.23		LESS GAS AVAILABILITY
DADRI	GT#6	154.51	16	3.90	16	06-Apr-17	21.18		LESS GAS AVAILABILITY
DADRI	GT#3	130.19	22	5.30	22	06-Apr-17	21.27		LESS GAS AVAILABILITY
AURAIYA	GT#4	111.19	18	4.40	18	07-May-17	22.03		LESS GAS AVAILABILITY
AURAIYA	GT#6	109.30	12	2.90	12	12-May-17	21.05		LESS GAS AVAILABILITY
AURAIYA	GT#3	111.19	18	4.40	18	12-May-17	21.13		LESS GAS AVAILABILITY
AURAIYA	GT#2	111.19	18	4.40	18	30-May-17	5.06		LESS GAS AVAILABILITY
AURAIYA	GT#5	109.30	12	2.90	12	30-May-17	5.15		LESS GAS AVAILABILITY
AURAIYA	GT#1	111.19	18	4.40	18	30-May-17	5.22		LESS GAS AVAILABILITY
ANTA	GT#3	88.71	31	7.50	31	08-Jun-17	12.16		LESS GAS AVAILABILITY
ANTA	GT#2	88.71	31	7.50	31	09-Jun-17	21.51		LESS GAS AVAILABILITY
ANTA	GT#4	153.20	34	8.20	34	09-Jun-17	22.05		LESS GAS AVAILABILITY
ANTA	GT#1	88.71	31	7.50	31	09-Jun-17	22.31		LESS GAS AVAILABILITY
RIBLAD	6	500.00	70	16.80	70	03-Jul-17	0.02	31-Jul-17	UNIT ON OVERHAULING
Total(A) CENTRAL SECTOR-PLANNED OUTAGE		1997.58	353.00	85.40	353.00				

(B) FORCED OUTAGE

STATE SECTOR										
NAME OF STATION	UNIT OUT	INSTALLED CAPACITY	NET ALLOC./AVAIL. (MW)		DATE	TIME	EXPECT./REVIVAL DATE	TIME	REASON OF OUTAGE	
GIRAL	2	125.00	70	16.80	70	27-Jul-16	15.27	30-Jul-17	DESYNCHRONIZED DUE TO ATTEND TUBE LEAKAGE IN ASH COOLAR	
RAMGARH	GT#1	37.50	29	7.00	29	01-Jul-17	12.19	30-Jul-17	HIGH VIBERATION	
CHHABRA	2	250.00	225	0.00	0	17-Jul-17	11.58	20-Jul-17	0.25	DESYNCHRONISED DUE TO BTL
Total(B) STATE SECTOR-FORCED OUTAGE		412.50	324.00	23.80	99.00					
CENTRAL SECTOR										
UNCHHAR	3	210.00	24	0.00	0	19-Jul-17	12.54	19-Jul-17	21.06	FLAME FAILURE
Total(B) CENTRAL SECTOR-FORCED OUTAGE		210.00	24.00	0.00	0.00					
G.TOTAL				23.80	99.00					

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 (\$).