



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

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1. Date-Wise Energy Availability, Consumption,OD(+)/UD(-), Peak Load, Avg. Frequency,Wind Gen. -AUG- 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
Sep-17										
01-Sep-17	1983.31	1510.32	1639.45	1424.48	14.44	25.53	7870	6847	49.99	187.29
02-Sep-17	2018.79	1525.88	1691.88	1458.17	19.89	-1.29	7826	7046	49.98	102.94
03-Sep-17	1965.88	1616.50	1686.86	1498.10	23.15	-5.69	8039	7159	49.97	151.01
04-Sep-17	1881.98	1630.96	1801.89	1559.99	-4.55	7.47	8578	7177	49.94	185.33
05-Sep-17	1909.40	1699.11	1876.12	1642.04	-8.01	4.37	8790	7579	49.95	283.02
06-Sep-17	2000.23	1696.36	1937.40	1720.88	-1.33	2.65	8946	7905	49.95	212.29
07-Sep-17	2028.18	1720.96	1965.05	1799.37	-14.34	-8.71	9133	8020	49.93	110.05
08-Sep-17	2035.60	1818.03	2038.09	1839.59	-16.80	-6.75	9527	8306	49.91	69.67
09-Sep-17	2220.10	1876.66	2109.22	1892.73	-28.72	-10.12	9655	8480	49.93	101.26
10-Sep-17	2291.05	3032.73	2115.99	1930.00	-3.87	-2.18	9643	8673	49.97	136.37
11-Sep-17	2125.09	2061.90	2111.25	1931.67	-13.58	12.16	9546	8706	49.92	50.22
12-Sep-17	2043.96	2039.62	1995.41	1994.33	9.55	6.75	9488	8898	49.97	40.04
13-Sep-17	1972.73	2029.51	2011.57	2015.34	-0.67	8.00	9275	8920	49.95	49.95
14-Sep-17	1967.00	1984.37	1975.69	2025.57	24.90	29.45	8999	8932	49.95	66.58
15-Sep-17	1806.01	1961.15	1920.02	1981.60	35.48	27.31	8820	8675	49.95	28.63
16-Sep-17	1836.48	1935.29	2036.93	1972.87	37.80	34.73	9286	8760	49.97	52.22
17-Sep-17	2036.98	2002.89	1987.77	2016.78	13.02	35.51	9054	9013	50.02	32.78
18-Sep-17	2068.97	1950.36	2089.80	1953.03	20.25	55.61	9787	8634	50.01	44.24
19-Sep-17	2022.57	2021.96	2139.72	2030.19	12.19	21.76	9900	9539	50.00	69.27
20-Sep-17	2001.51	2231.94	2116.18	2138.32	22.21	-21.13	9877	9769	50.00	65.02
21-Sep-17	2088.76	2184.43	2196.17	2132.33	18.53	10.59	9876	9816	49.96	75.14
22-Sep-17	2094.58	2086.21	2023.06	2078.54	13.85	51.54	9686	9652	49.98	120.32
23-Sep-17	2098.52	2014.19	1960.27	2109.21	18.60	28.13	9571	9480	49.98	184.42
24-Sep-17	2196.98	2109.81	1984.20	1968.71	18.98	1.95	9337	9146	50.01	196.83
25-Sep-17	2070.07	2088.33	2041.24	1912.36	29.69	8.33	9422	8946	49.99	174.02
26-Sep-17	1925.88	2122.26	2024.14	2002.60	25.70	-4.73	9175.00	9258.00	49.95	136.42
27-Sep-17	1999.48	2103.00	2065.63	2022.05	44.77	-17.64	9284.00	9211.00	49.97	110.51
28-Sep-17	1965.26	1963.68	2033.70	1997.33	49.44	2.23	9009.00	9277.00	49.96	101.76
29-Sep-17	1958.71	2030.92								
30-Sep-17										
01-Oct-17										
01-Sep-17										
MAXIMUM OF THE MONTH	2291.05	3032.73	2196.17	2138.32	49.44	55.61	9900.00	9816.00	50.02	283.02
MIN OF THE MONTH	1806.01	1510.32	1639.45	1424.48	-28.72	-21.13	7826.00	6847.00	49.91	28.63
AVERAGE	2021.45	1943.64	1978.05	1881.05	9.63	12.64	9197.24	8563.12	49.97	111.56
MAX.CONSUMPTION TILL DATE DURING THE FY 2017-18 (L.U.)							2222.22	18-Aug-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.)							448.85	04-Aug-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
1	KTPS (1240/1240)	134.00	171.00	158.55	134.00	134.00	138.36
2	STPS (1500/1500)	164.00	164.00	157.99	150.00	164.00	138.93
3	DHOLPUR GAS CAPP (330/330)	0.00	0.00	21.35	0.00	0.00	21.32
4	RAMGARH (273.5/273.5)	46.00	46.00	45.16	46.00	46.00	45.34
5	RAPP-A(200/200)	38.00	38.00	38.47	38.00	38.00	40.91
6	MAHI (140/140)	0.00	0.00	15.91	0.00	0.00	11.96
7	CHAMBAL (RPS+JS) (135.5/271)	0.00	0.00	0.00	0.00	0.00	0.59
8	GIRAL LIGNITE (250/250)	0.00	0.00	0.00	0.00	0.00	0.00
9	CHHABRA TPS 1000/1000)	164.00	164.00	160.85	164.00	164.00	162.21
10	ADANI (TPS) + KALISINDH (TPS) (1200+1200/1320+1200)	271.00	271.00	268.01	254.00	271.00	257.16
11	WIND FARM (3980.40/4119.15)	124.00	119.50	110.51	123.00	124.00	101.76
12	SOLAR POWER(737.70/1295.70)	0.00	0.00	3.86	0.00	0.00	4.16
13	CAPTIVE POWER PLANTS	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
15	OPEN ACCESS	26.96	23.63	23.63	11.44	26.96	26.96
16	BIOMASS – (101.95/119.25)	5.00	5.00	4.55	5.00	5.00	4.71
17	BARSINGHSAR LTPS(250/250)	53.00	53.00	51.23	53.00	53.00	52.14
18	RAJWEST (1080/1080)	200.00	200.00	197.75	200.00	200.00	200.00
	TOTAL (A) : 1-18	1225.96	1255.13	1257.82	1178.44	1225.96	1206.51
19	BBMB COMPLEX						
a)	BHAKRA(230.79/1516.3)	32.54	32.42	32.56	32.63	32.54	33.03
b)	DEHAR (198/ 990)	27.75	29.28	27.65	27.03	27.75	26.99
c)	PONG (231.66/396)	47.45	42.98	44.22	50.30	47.45	48.31
	TOTAL : a TO c	107.74	104.69	104.43	109.97	107.74	108.33
20	CENTRAL STATIONS						
d)	SINGRAULI (300/ 2000)	93.63	92.54	92.54	93.89	93.63	92.73
e)	RIHAND (310.24/3000)	123.59	122.38	122.38	126.61	123.59	123.59
f)	UNCHAHR-I(20/420)	2.86	2.36	6.38	7.00	2.86	6.87
g)	UNCHAHR-II& III(61/630)	10.48	8.56	23.89	25.87	10.48	25.16
h)	INDIRA GANDHI STPS(JHAJHAR) 0.00/1500)	0.00	0.00	0.00	0.00	0.00	0.00
i)	NCTPS DADRI St-II (43.22/980) + DADRI-TH	4.17	6.94	10.04	10.92	4.17	10.16
j)	DADRI GAS (77/830)	2.41	1.85	2.24	3.44	2.41	9.23
k)	ANTA (83.07/419)	0.56	0.00	8.73	0.00	0.56	10.66
l)	AURAIYA (61.03/663)	0.23	0.00	0.00	0.00	0.23	7.15
m)	NAPP (44/440)	9.14	9.29	9.29	9.26	9.14	9.14
n)	RAPP-B (125/440)	33.15	32.98	32.98	33.15	33.15	33.15
o)	RAPP-C (88/440)	20.58	20.58	20.58	20.58	20.58	20.58
p)	SALAL (20.36/690)	2.46	3.08	2.62	2.96	2.46	2.52
q)	URI (70.37/720)	6.01	6.42	5.83	5.69	6.01	5.61
r)	TANAKPUR (10.86/94)	2.50	2.50	2.50	2.50	2.50	2.50
s)	CHAMERA –I (105.84/540)	9.80	11.76	10.73	9.80	9.80	9.80
t)	CHAMERA-II (29.01/300)	5.10	5.32	4.63	4.09	5.10	4.38
u)	CHAMERA-III (25.21/231)	3.64	3.48	3.00	3.64	3.64	3.30
v)	DHAULIGANGA (27/280)	5.07	5.20	5.07	4.63	5.07	4.63
w)	DULHASTI (42.42/390)	10.09	10.05	10.05	10.09	10.09	10.09
x)	SEWA (13/120)	0.39	0.39	0.39	0.39	0.39	0.39
y)	NJPC (112.00/1500)+RAMPUR(31.808/412.02)	20.78	24.06	22.71	21.17	20.78	21.65
z)	TEHRI (75/1000)	6.56	5.85	5.85	7.20	6.56	6.56
aa)	KOTESHWAR (33.44/400) + PARBATI3 (56.73/520)	9.12	14.86	16.15	9.12	9.12	12.62
ab)	TALA	2.91	2.91	2.91	2.55	2.91	2.91
ac)	MUNDRA UMPP (380/4000)	70.08	70.08	70.08	60.93	70.08	69.61
ad)	SASAN (372/3960)	72.96	72.96	72.96	72.96	72.96	72.96
ae)	FRKKA+KHLGN+TLCHR (70.18/3940)	21.66	22.50	22.64	22.83	21.66	22.52
af)	URS POWER(DADRI TH-I)	0.00	0.00	0.00	0.00	0.00	0.00
	TOTAL SCHEDULE(a TO af)	657.69	663.58	691.59	681.23	657.69	708.80
	LOSSES	-20.64	-24.76	-25.77	-21.11	-20.64	-26.35
	NET SCHEDULED	637.05	638.82	665.82	660.12	637.05	682.45
21	BILATERAL (REG.) EXCL. BANKING	12.15	12.15	11.71	12.15	12.15	12.15
22	BANKING	0.00	0.00	0.00	0.00	0.00	0.00
23	BILATERAL(INTER-REG.) EXCLUDING (ISOA & BANKING)	102.19	96.07	92.14	97.60	97.88	95.25
24	INTER STATE OPEN ACCESS (BILATERAL+IEX)	-26.96	-23.63	-23.63	-11.44	-26.96	-26.96
25	INDIAN ENERGY EXCHANGE	14.87	16.99	16.99	21.84	14.87	14.87
	TOTAL(B): (19 TO 25)	739.30	744.35	763.04	780.27	739.30	777.75
	TOTAL GENERATION (A +B) : 1 TO 25			2020.86			1984.26
	OVER DRAWAL (+)/UNDER DRAWAL (-)			44.77			49.44
	GRAND TOTAL	1965.26	1999.48	2065.63	1958.71	1965.26	2033.70
	LAST YEAR	1963.68	2103.00	2022.05	2030.92	1963.68	1997.34

3.SYSTEM PARAMETERS AS ON 28-Sep-17

MAXIMUM DRAWL ON 28-Sep-17	9009 MW at 07.15-07.30 Hrs 49.90 Hz						
MINIMUM DRAWL ON 28-Sep-17	7841 MW at 17.30-17.45 Hrs 49.96 Hz						
Max U/D of the day	336 MW at 04.00-04.15 Hrs 50.00 Hz	Capacity level		Actual Level as on		Discharge (cusecs)	Inflow (cusecs)
Max. O/D below 49.7 Hz	MW at	Max.	Min.	29-Sep-17	29-Sep-16	28-Sep-17	28-Sep-17
No. of Blocks Freq. < 49.7 Hz	0	1312	1250	1301.40	1311.10	NA	970
No. of Violation Blocks Freq. < 49.7 Hz	0	1157.5	1128	1146.16	1156.85	NA	5034
No. of Blocks in which Freq. >= 49.7 & <49.9 Hz	9	980	970.4	978.30	978.70	NA	NA
NO. OF VIOLATION (OD BLOCKS) IN WHICH FREQ. >= 49.7 & <49.9 Hz	9	854.5	852.3	853.80	853.80		
No. of Blocks in which Freq. >= 49.9 & <50.00 Hz	65					20	
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & <50.00 Hz	29					NIL	
NO. OF BLOCKS(UD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & <50.00 Hz	0	1690	1462	1669.42	1649.77	21578	20216
No. of Blocks in which Freq. >= 50.00 & <50.05 Hz	21	2941	2900	2930.38	2924.21	8367	8150
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 50.00 & <50.05 Hz	11	1421	1260	1380.24	1366.98	17501	5899
NO. OF BLOCKS(UD ABOVE 250 MW) IN WHICH FREQ. >= 50.00 & <50.05 Hz	1	281.5	259	281.45	281.50	3680	NA
No. of Blocks in which Freq. >= 50.05 & <50.10 Hz	1	220.5	217	218.55	220.10	1225	1500
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						
AVERAGE FREQ. FOR THE DAY 28-Sep-17	49.96						
Max O/D of the day	631 MW at 22.00-22.15 Hrs 50.02 Hz	Name of Station	Stock at 00.00 hrs. (MT)	Coal stock sufficient for No. of days			
Frequency Profile	% of Time	KTPS	12141	0.5 day			
LESS THAN 49.7 HZ	0.00						
LESS THAN 49.90 HZ	10.13	STPS	16233	0.5 day			
OPERATING RANGE (49.90 HZ TO 50.05 HZ)	84.40						
ABOVE 50.05 HZ	5.47	CHHABRA	19107	2.5 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	154	KALISINDH	10555	1 day			
No. of 132 KV Feeders Disconnected	0						

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

(A) PLANNED OUTAGE

NAME OF STATION	UNIT OUT	INSTALLED CAPACITY	NET ALLOC./ AVAIL. (MW)		EXPECT./REVIVAL		REASON OF OUTAGE
					DATE	TIME	
STATE SECTOR							
GIRAL	1	125.00	70	16.80			BED MATERIAL LEAKAGE (S/D W.E.F.15.07.14)
DCCPP	HRS02*	55.00	50	24.00			BOXED UP(PERMISSION GIVEN BY RUVNL ON DATE 17.08.17 BUT PROBLEM IN DCCPP END)
DCCPP	GT02*	110.00	100	24.00			BOXED UP(PERMISSION GIVEN BY RUVNL ON DATE 17.08.17 BUT PROBLEM IN DCCPP END)
CHHABRA	3	250.00	225	54.00			BUS BAR PROTECTION OPERATED(UNDER OVERHAUL W.E.F 18.56 HRS.08.08.17 FOR 30 DAYS)
KTPS	7	195.00	175	42.00			DUE TO COAL SHORTAGE & SHUT DOWN FOR 15 DAYS
Total(A)STATE SECTOR-PLANNED OUTAGE		735.00	620.00	160.80			

CENTRAL SECTOR

DADRI	GT02	130.19	22	5.30			EOH INSPECTION FOR 4000HRS
Total(A)-CENTRAL SECTOR-PLANNED OUTAGE		130.19	22.00	5.30			

(B) FORCE OUTAGE

STATE SECTOR

STATE SECTOR							
NAME OF STATION	UNIT OUT	INSTALLED CAPACITY	NET ALLOC./ AVAIL. (MW)		DATE	TIME	REASON OF OUTAGE
GIRAL	2	125.00	70	16.80	16-Oct-17		DESYNCHRONIZED DUE TO ATTEND TUBE LEAKAGE IN ASH COOLAR-I
RAMGARH	GT01	37.50	29	7.00	29-Sep-17		HIGH VIBERATION
ADANI	2	660.00	600	144.00	29-Sep-17		BOILER LHS HOT SECONDARY AIR EXPANSION BELLOW LEAKAGE(FROM 21.08.17 DUE TO COAL SHORTAGE)
RAJWEST	4	135.00	120	28.68	29-Sep-17		M/T DUE TO HEAVY BED MATERIAL LEAKAGE
STPS	3	250.00	229	55.00	29-Sep-17		INSUFFICIENT COAL STOCK
STPS	6	250.00	229	55.00	29-Sep-17		INSUFFICIENT COAL STOCK
STPS	4	250.00	229	9.10	29-Sep-17	3.58	INSUFFICIENT COAL STOCK
ADANI	1	660.00	600	144.00	29-Sep-17		INSUFFICIENT COAL STOCK
KTPS	1	110.00	100	23.00	29-Sep-17		COAL SHORTAGE
KTPS	2	110.00	100	23.00	29-Sep-17		COAL SHORTAGE
STPS	5	250.00	229	55.00	29-Sep-17		Boiler tube leakage
KALISINDH	2	600.00	565	8.48	29-Sep-17	1.30	AIR PRESSURE TRIP
Total(B)STATE SECTOR-FORCED OUTAGE		3437.50	3100.00	569.06			

CENTRAL SECTOR

AURAIYA	GT04	111.19	18	4.40			DUE TO LESS SUPPLY OF SPOT RLNG BY GAIL(AS INFORMED BY NTPC)
DADRI	GT03	130.19	22	5.30			FUEL SHORTAGE
DADRI	GT01	130.19	22	5.30			FUEL SHORTAGE
ANTA	GT03	88.71	31	7.50			FUEL SHORTAGE
AURAIYA	GT02	111.19	18	4.40			FUEL SHORTAGE
DADRI	GT06	154.51	16	3.90			DUE TO LESS DEMAND
AURAIYA	GT06	109.30	12	2.90			DUE TO LESS DEMAND
AURAIYA	GT03	111.19	18	4.40			DUE TO LESS DEMAND
DADRI-II	1	490.00	15	3.59			BOILER TUBE LEAKAGE
AURAIYA	GT#1	111.19	18	4.40			LESS DEMAND
Total(B)CENTRAL SECTOR-FORCED OUTAGE		1547.66	190.00	46.09			
G.TOTAL				615.15			

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 (\$).