



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

Power Position 30-Apr-19	Point No.
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1. Date-Wise Energy Availability, Consumption,OD(+)/UD(-), Peak Load, Avg. Frequency,Wind Gen. -APRIL- 2019

Date	Anticipated Availability (In LU)		Consumption (In LU)		OD(+)/UD(-) (In LU)		Peak Load (In MW)		Average freq. (In Hz)	WIND (in LU)
	2019	2018	2019	2018	2019	2018	2019	2018	2019	2019
Apr-19										
01-Apr-19	2215.41	1796.47	2135.22	1793.94	-18.46	4.46	9872	8561	49.99	54.43
02-Apr-19	2409.10	1946.31	2149.01	1852.30	-14.51	4.22	10131	8771	49.97	44.51
03-Apr-19	2314.72	1982.88	2202.89	1863.76	-7.51	-8.32	10148	8749	49.95	56.23
04-Apr-19	2288.74	1900.21	2181.34	1896.99	-6.78	17.38	10052	8591	49.99	64.92
05-Apr-19	2323.71	1966.36	2055.85	1902.37	-34.67	0.14	9691	8989	50.00	177.06
06-Apr-19	2281.43	1968.53	2070.38	1815.14	-3.58	17.25	9953	8745	50.02	176.61
07-Apr-19	2322.21	1903.40	1993.01	1775.71	-7.77	37.51	10401	8204	50.02	144.68
08-Apr-19	2282.84	1778.65	1974.90	1821.32	-19.82	30.27	9467	8662	50.00	123.41
09-Apr-19	2421.71	1881.72	2116.94	1794.93	-10.35	12.60	9763	8768	49.99	169.57
10-Apr-19	2346.43	1853.87	2151.50	1839.75	-20.62	14.77	9904	8678	49.96	155.96
11-Apr-19	2398.35	1810.24	2156.53	1780.94	-20.75	-6.06	9993	8367	49.98	139.53
12-Apr-19	2265.95	1854.81	2105.62	1716.31	-21.36	6.82	9839	7958	49.98	151.51
13-Apr-19	2148.91	1855.95	2166.04	1810.30	-12.11	8.96	9789	8278	49.99	193.93
14-Apr-19	2297.14	1948.97	2129.17	1865.01	-7.79	21.93	9478	8654	50.00	145.62
15-Apr-19	2238.03	1955.25	2057.66	1823.29	-24.10	14.19	9932	8648	50.01	309.52
16-Apr-19	2330.17	1874.27	1602.73	1866.45	-54.52	33.34	8571	8873	50.01	272.16
17-Apr-19	1973.06	1856.08	1462.25	1858.11	-30.04	66.93	7205	8936	50.01	74.60
18-Apr-19	1948.00	1948.03	1709.46	1945.05	-22.54	61.00	7856	8733	50.01	124.64
19-Apr-19	2136.46	1838.70	1784.14	1976.95	-16.51	0.57	8398	9242	50.00	48.88
20-Apr-19	2213.46	2088.13	1872.33	1865.77	-12.25	7.22	8778	8959	49.99	41.73
21-Apr-19	2265.76	1964.15	1906.57	1963.76	-22.51	6.99	8685	9277	49.99	140.08
22-Apr-19	2297.60	1967.50	2055.36	1904.36	-6.08	19.34	9590	6700	49.99	181.92
23-Apr-19	2244.73	1985.70	2168.25	1936.00	-1.38	22.98	10327	8975	50.01	321.27
24-Apr-19	2194.02	2027.14	2240.90	1995.23	-15.57	23.76	9922	9265	49.99	334.45
25-Apr-19	2339.90	2074.39	2261.03	2012.26	-14.42	33.77	10185	9410	49.99	89.83
26-Apr-19	2417.75	2110.31	2262.27	2095.90	-11.12	77.26	10407	9769	50.01	100.45
27-Apr-19	2470.84	2168.86	2282.97	2111.35	-7.68	11.59	10350	9847	49.99	66.26
28-Apr-19	2543.99	2120.20	2231.98	2123.84	-2.69	28.18	10196	10053	50.03	63.91
29-Apr-19	2546.07	2192.69	2272.32	2075.14	-1.75	25.30	10273	9272	50.02	185.31
30-Apr-19	2595.20	2272.67								
MAXIMUM OF THE MONTH	2595.20	2272.67	2282.97	2123.84	-1.38	77.26	10407.00	10053.00	50.03	334.45
MIN OF THE MONTH	1948.00	1778.65	1462.25	1716.31	-54.52	-8.32	7205.00	6700.00	49.95	41.73
AVERAGE	2302.39	1963.08	2060.64	1899.39	-15.49	20.49	9626.07	8825.31	50.00	143.21
MAX.CONSUMPTION TILL DATE DURING THE FY 2019-20 (L.U.)							2282.97	27-Apr-19		
MAX.PEAK LOAD TILL DATE DURING THE FY 2019-20 (MW)							10407	(11.45-12.00Hrs.)	26-Apr-19	
MAX.CONSUMPTION DURING THE FY 2018-19 (L.U.)							2549.75	05-Jun-18		
MAX.PEAK LOAD DURING THE FY 2018-19 (MW)							13276	(09.30-09.45Hrs.)	28-Dec-18	
MAX.WIND TILL DATE DURING THE YEAR 2019-20 (L.U.)							334.45	24-Apr-19		
MAX.WIND DURING THE YEAR 2018-19 (L.U.)							565.54	13-Jun-18		

2. Anticipated Availability/Generation From Different Sources

(In LU)

S.No.	Sources Available to Rajasthan / Installed Capacity as on 31.08.2018 (In MW)	Prior assessment of Avail. For next Day	Prior assessment of Avail.	Actual Energy Received
		29-Apr-19		
1	KTPS (1240/1240)	270.00	270.00	217.07
2	STPS (1500/1500)	273.00	273.00	215.37
3	DHOLPUR GAS CAPP (330/330)	0.00	0.00	0.00
4	RAMGARH (273.5/273.5)	22.00	22.00	20.61
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	SSCTPS#7	0.00	0.00	0.00
9	CHHABRA TPS (1000/1000)+CSCTPP (660/660)	331.00	334.00	303.87
10	ADANI (TPS) + KALISINDH (TPS) (1200+1200/1320+1200)	422.00	422.00	336.90
11	WIND FARM (4139.20/4292.95)	147.00	78.50	185.31
12	SOLAR POWER(1661.70/2250.16)	174.95	181.13	189.15
13	CAPTIVE POWER PLANTS	0.00	0.00	0.00
14	REGIONAL (INTRA STATE) O.A.(VLTPS)	0.00	0.00	25.69
15	OPEN ACCESS	0.00	0.00	0.00
16	BIOMASS – (101.95/119.25)	8.00	5.00	8.40
17	BARSINGHAR LTPS(250/250)	25.00	25.00	23.79
18	RAJWEST (1080/1080)	201.00	201.00	127.00
	TOTAL (A) : 1-18	1873.95	1811.63	1653.16
19	BBMB COMPLEX			
	a) BHAKRA(230.79/1516.3)	31.91	31.59	31.80
	b) DEHAR (198/ 990)	28.48	28.48	27.93
	c) PONG (231.66/396)	15.51	18.68	16.30
	TOTAL : a TO c	75.90	78.75	76.03
20	CENTRAL STATIONS			
	d) SINGRAULI (300/ 2000)+SINGRAULI SHEP (1.87/8.00)	80.38	86.27	76.27
	e) RIHAND (310.24/3000)	121.59	121.78	117.85
	f) UNCHAHAR-I(20/420)	4.82	5.49	1.97
	g) UNCHAHAR-II& III & IV(135.09/1130)	33.47	38.02	16.07
	h) INDIRA GANDHI STPS(JHAJHAR) 0.00/1500)	0.00	0.00	0.00
	i) NCTPS DADRI St-II (43.22/980) + DADRI-TH	13.00	14.38	2.14
	j) DADRI GAS (77/830)	4.31	4.72	3.95
	k) ANTA (83.07/419)	3.19	3.47	0.36
	l) AURAIYA (61.03/663)	0.00	0.00	0.00
	m) NAPP (44/440)	8.96	8.87	8.87
	n) RAPP-B (125/440)	28.27	28.03	28.03
	o) RAPP-C (88/440)	18.73	18.73	18.73
	p) SALAL (20.36/690)	4.79	4.79	4.71
	q) URI (70.37/720)	16.11	16.15	16.15
	r) TANAKPUR (10.86/94)	1.50	1.46	1.73
	s) CHAMERA –I (105.84/540)	24.15	24.15	24.15
	t) CHAMERA-II (29.01/300)	6.68	6.68	6.67
	u) CHAMERA-III (25.21/231)	5.77	5.79	5.77
	v) DHAULIGANGA (27/280)	4.90	4.13	4.32
	w) DULHASTI (42.42/390)	7.80	7.80	7.80
	x) SEWA (13/120)	3.14	3.14	3.14
	y) NJPC (112.00/1500)+RAMPUR(31.808/412.02)	21.77	21.18	23.30
	z) TEHRI (75/1000)	5.60	5.36	5.36
	aa) KOTESHWAR (33.44/400) + PARBATI3 (56.73/520)+KOLDAM (85.73/800)	14.63	14.88	14.89
	ab) TALA	1.35	1.28	1.42
	ac) MUNDRA UMPP (380/4000)	76.03	78.56	54.68
	ad) SASAN (372/3960)	84.80	84.48	82.55
	ae) FRKKA+KHLGN+TLCHR (70.18/3940)	14.50	19.58	9.39
	af) URS POWER(DADRI TH-I)	0.00	0.00	0.00
	TOTAL SCHEDULE(a TO af)	686.14	707.91	616.29
	LOSSES	0.00	0.00	0.00
	NET SCHEDULED	686.14	707.91	616.29
21	BILATERAL (REG.) EXCL. BANKING	13.39	13.39	13.39
22	BANKING	-15.94	-16.02	-16.02
23	BILATERAL(INTER-REG.), EXCLUDING (ISOA & BANKING)	89.04	64.71	78.50
24	INTER STATE OPEN ACCESS (BILATERAL+IEX)	0.00	0.00	-19.69
25	INDIAN ENERGY EXCHANGE	-51.39	-51.57	-51.57
	TOTAL(B): (19 TO 25)	721.25	734.43	620.91
	TOTAL GENERATION (A +B) : 1 TO 25			2274.07
	OVER DRAWAL (+)/UNDER DRAWAL (-)			-1.75
	GRAND TOTAL	2595.20	2546.07	2272.32
	LAST YEAR	2272.67	2192.69	2075.15

3. SYSTEM PARAMETERS AS ON 29-Apr-19

MAXIMUM DRAWL ON 29-Apr-19	10273 MW at 22.30-22.45 HRS 49.99 HZ
MINIMUM DRAWL ON 29-Apr-19	8202 MW at 18.30-18.45 Hrs 50.07HZ
Max U/D of the day	892 MW at 20.45-21.00 HRS 50.03 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	0
NO. OF VIOLATION (OD BLOCKS) IN WHICH FREQ. >= 49.7 & <49.9 Hz	0
No. of Blocks in which Freq. >= 49.9 & <50.0 Hz	1
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & <50.0 Hz	0
NO. OF BLOCKS(UD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & <50.0 Hz	0
No. of Blocks in which Freq. >= 50.00 & <50.05 Hz	15
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 50.00 & <50.05 Hz	2
NO. OF BLOCKS(UD ABOVE 250 MW) IN WHICH FREQ. >= 50.00 & <50.05 Hz	1
No. of Blocks in which Freq. >= 50.05 & <50.10 Hz	57
NO. OF UD BLOCKS IN WHICH FREQ. >= 50.05 & <50.10 Hz	32
No. of Blocks in which Freq. >= 50.10	21
NO. OF VIOLATION(UD BLOCKS)IN WHICH FREQ. >= 50.10	5
AVERAGE FREQ. FOR THE DAY 29-Apr-19	50.02 Hz
Max O/D of the day	632 MW at 08.15-08.30 Hrs 50.02 HZ
Frequency Profile	% of Time
LESS THAN 49.7 HZ	0.00
LESS THAN 49.90 HZ	1.40
OPERATING RANGE (49.90 HZ TO 50.05 HZ)	71.90
ABOVE 50.05 HZ	26.70
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	0
No. of 132 KV Feeders Disconnected	0

4. WATER LEVEL OF MAJOR RESERVOIR

Name of reservoir	Capacity level		Actual Level as on		Discharge (cusecs)	Inflow (cusecs)
	Max.	Min.	30-Apr-19	30-Apr-18		
Gandhi Sagar (Ft.)	1312	1250	1250.46	1270.38	NIL	79
R.P.Sagar (Ft.)	1157.5	1128	1136.88	1140.10	NIL	NIL
Jawahar Sagar (Ft.)	980	970.4	975.80	978.20	NIL	NIL
Kota Barrage(Ft.)	854.5	852.3	852.30	851.40		
RMC					15	
LMC					NIL	
Bhakra(Ft.)	1690	1462	1623.86	1537.71	23043	22237
Dehar (Ft.)	2941	2900	2937.79	2920.86	8206	8912
Pong(Ft.)	1421	1260	1341.94	1293.45	6504	3158
Mahi-I (Mts.)	281.5	259	268.20	269.75	NIL	NIL
Mahi-II (Mts.)	220.5	217	217.05	218.00	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
30-Apr-19	KTPS	134520	7 DAYS
30-Apr-19	STPS	382664	17 DAYS
30-Apr-19	CHHABRA	110919	8.5 DAYS
30-Apr-19	KALISINDH	185097	11.5 DAYS

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

30-Apr-19

(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	60	14.40	60	11-Jul-14	8.20			BED MATERIAL LEAKAGE (S/D W.E.F.15.07.14)
DCCPP	HRSG#2	55.00	50	12.00	50	08-Oct-18	12.08			BOXED UP
DCCPP	HRSG#1	55.00	50	12.00	50	08-Oct-18	12.08			BOXED UP
DCCPP	GT#2	110.00	100	24.00	100	08-Oct-18	12.28			BOXED UP
DCCPP	GT#1	110.00	100	24.00	100	08-Oct-18	12.29			BOXED UP
Total(A)-STATE SECTOR-PLANNED OUTAGE		455.00	360.00	86.40	360.00					

CENTRAL SECTOR

AURAIYA GPS	6	109.30	12	2.90	12	30-Nov-18	5.47			RESERVE SHUTDOWN-NON AVAILABILITY OF GAS
AURAIYA GPS	2	111.19	18	4.40	18	12-Jan-19	9.53			RESERVE SHUTDOWN
AURAIYA GPS	4	111.19	18	4.40	18	05-Jan-19	10.42			RESERVE SHUTDOWN
AURAIYA GPS	5	109.30	12	2.90	12	08-Jan-19	5.54			RESERVE SHUTDOWN
AURAIYA GPS	1	111.19	18	4.40	18	11-Jan-19	10.06			RESERVE SHUTDOWN
ANTA GPS	3	88.71	31	7.50	31	12-Jan-19	9.56			RESERVE SHUTDOWN
AURAIYA GPS	3	111.19	18	4.40	18	11-Feb-19	20.45			RESERVE SHUTDOWN
DADRI GPS	2	130.19	22	5.30	22	08-Mar-19	18.20			RESERVE SHUTDOWN
SINGRAULI	1	200.00	34	8.20	34	02-Apr-19	22.31			ANNUAL OVER HAULING
DADRI GPS	1	130.19	22	5.30	22	13-Apr-19	12.22			RESERVE SHUTDOWN
Total(A)-CENTRAL SECTOR-PLANNED OUTAGE		1212.45	205.00	49.70	205.00					

(B) FORCE OUTAGE

STATE SECTOR

STATE SECTOR										
NAME OF STATION	UNIT OUT	INSTALLED CAPACITY	NET ALLOC/ AVAIL. (MW)		OUTAGE		EXPECT.REVIVAL		REASON OF OUTAGE	
					DATE	TIME	DATE	TIME		
GIRAL	2	125.00	70	16.80	70	27-Jan-16	15.27			DESYNCHRONIZED DUE TO ATTEND TUBE LEAKAGE IN ASH COOLAR-
RAMGARHI	GT3	110.00	100	24.00	100	07-Dec-18	20.45			INSUFFICIENT AVAILABILITY OF GAS
RAMGARHI	STG#2	50.00	40	9.60	40	05-Oct-18	10.58			NON AVAILABILITY OF SUFFICIENT GAS
KALISINDH	2	600.00	565	135.60	565	04-Apr-19	14.01			ELECTRICAL FAULT
BTPS	2	125.00	110	26.40	110	12-Apr-19	0.17			MT DUE Major Overhaul.
RAJWEST	2	135.00	120	28.68	120	13-Apr-19	2.03			TURBINE BEARING TEM. PROBLEM
STPS	1	250.00	229	55.00	229	15-Apr-19	1.03			GENERATOR EARTH FAULT
CHHABRA(CSTPP)	6	660.00	600	144.00	600	23-Apr-19	22.48			MANUALLY TRIPPED(HEAVY BLAST SOUND)
RAJWEST	3	135.00	120.0	28.68	120.0	29-Apr-19	12.37			BED MATERIAL LEAKAGE
Total(B) STATE SECTOR-FORCED OUTAGE		2190.00	1954.00	468.76	1954.00					

CENTRAL SECTOR

RAPP	2	200.00	150	36.00	150	23-Apr-19	13.50			TECHNICAL PROBLEM
UNCHAHAR	3	210.00	27	6.50	27	28-Apr-19	23.07			FURNACE PRESSURE HIGH
Total(B) CENTRAL SECTOR-FORCED OUTAGE		410.00	177.00	42.50	177.00					
G.TOTAL				511.26	2131.00					

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).