



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

<b>Power Position 01-May-19</b>	<b>Point No.</b>
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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		
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	2316.55	2078.18	12.66	2072.81	10560	9783	50.03	234.48
01-May-19		2221.10								
MAXIMUM OF THE MONTH	<b>2595.20</b>	<b>2272.67</b>	<b>2316.55</b>	<b>2123.84</b>	<b>12.66</b>	<b>2072.81</b>	<b>10560.00</b>	<b>10053.00</b>	<b>50.03</b>	<b>334.45</b>
MIN OF THE MONTH	<b>1948.00</b>	<b>1778.65</b>	<b>1462.25</b>	<b>1716.31</b>	<b>-54.52</b>	<b>-8.32</b>	<b>7205.00</b>	<b>6700.00</b>	<b>49.95</b>	<b>41.73</b>
AVERAGE	<b>2302.39</b>	<b>1963.08</b>	<b>2069.17</b>	<b>1905.35</b>	<b>-14.55</b>	<b>88.91</b>	<b>9657.20</b>	<b>8857.23</b>	<b>50.00</b>	<b>146.25</b>
MAX.CONSUMPTION TILL DATE DURING THE FY 2019-20 (L.U.)							2316.55	30-Apr-19		
MAX. PEAK LOAD TILL DATE DURING THE FY 2019-20 (MW)							10560	11.15-11.30 Hrs.)	30-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
		30-Apr-19		
1	KTPS (1240/1240)	270.00	270.00	214.96
2	STPS (1500/1500)	273.00	273.00	215.20
3	DHOLPUR GAS CAPP (330/330)	0.00	0.00	0.00
4	RAMGARH (273.5/273.5)	22.00	22.00	20.73
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)	338.00	331.00	301.58
10	ADANI (TPS) + KALISINDH (TPS) (1200+1200/1320+1200)	422.00	422.00	336.07
11	WIND FARM (4139.20/4292.95)	81.50	147.00	234.48
12	SOLAR POWER(1661.70/2250.16)	189.16	174.95	180.52
13	CAPTIVE POWER PLANTS	0.00	0.00	0.00
14	REGIONAL (INTRA STATE) O.A.(VLTPS)	0.00	0.00	16.54
15	OPEN ACCESS	0.00	0.00	0.00
16	BIOMASS – (101.95/119.25)	7.00	8.00	6.58
17	BARSINGHAR LTPS(250/250)	23.00	25.00	21.44
18	RAJWEST (1080/1080)	172.00	201.00	108.18
	<b>TOTAL (A) : 1-18</b>	<b>1797.66</b>	<b>1873.95</b>	<b>1656.28</b>
19	BBMB COMPLEX			
	a) BHAKRA(230.79/1516.3)	31.47	31.91	32.30
	b) DEHAR (198/ 990)	28.42	28.48	28.53
	c) PONG (231.66/396)	11.93	15.51	11.45
	<b>TOTAL : a TO c</b>	<b>71.82</b>	<b>75.90</b>	<b>72.28</b>
20	CENTRAL STATIONS			
	d) SINGRAULI (300/ 2000)+SINGRAULI SHEP (1.87/8.00)	87.68	80.38	71.57
	e) RIHAND (310.24/3000)	118.72	121.59	122.69
	f) UNCHAHAR-I(20/420)	5.40	4.82	2.11
	g) UNCHAHAR-II& III & IV(135.09/1130)	38.99	33.47	17.86
	h) INDIRA GANDHI STPS(JHAJHAR) 0.00/1500)	0.00	0.00	0.00
	i) NCTPS DADRI St-II (43.22/980) + DADRI-TH	13.54	13.00	2.09
	j) DADRI GAS (77/830)	4.76	4.31	3.60
	k) ANTA (83.07/419)	3.19	3.19	0.25
	l) AURAIYA (61.03/663)	0.00	0.00	0.00
	m) NAPP (44/440)	8.87	8.96	8.96
	n) RAPP-B (125/440)	28.19	28.27	28.27
	o) RAPP-C (88/440)	18.73	18.73	18.73
	p) SALAL (20.36/690)	4.70	4.79	4.71
	q) URI (70.37/720)	16.16	16.11	16.14
	r) TANAKPUR (10.86/94)	1.51	1.50	1.83
	s) CHAMERA –I (105.84/540)	24.15	24.15	24.15
	t) CHAMERA-II (29.01/300)	6.68	6.68	6.68
	u) CHAMERA-III (25.21/231)	5.75	5.77	5.69
	v) DHAULIGANGA (27/280)	3.82	4.90	4.81
	w) DULHASTI (42.42/390)	7.79	7.80	7.80
	x) SEWA (13/120)	3.14	3.14	3.14
	y) NJPC (112.00/1500)+RAMPUR(31.808/412.02)	20.69	21.77	23.69
	z) TEHRI (75/1000)	5.60	5.60	5.53
	aa) KOTESHWAR (33.44/400) + PARBATI3 (56.73/520)+KOLDAM (85.73/800)	14.88	14.63	14.88
	ab) TALA	1.41	1.35	1.52
	ac) MUNDRA UMPP (380/4000)	80.38	76.03	65.43
	ad) SASAN (372/3960)	85.33	84.80	84.80
	ae) FRKKA+KHLGN+TLCHR (70.18/3940)	19.94	14.50	7.53
	af) URS POWER(DADRI TH-I)	0.00	0.00	0.00
	TOTAL SCHEDULE(a TO af)	701.81	686.14	626.76
	LOSSES	0.00	0.00	0.00
	NET SCHEDULED	<b>701.81</b>	<b>686.14</b>	<b>626.76</b>
21	BILATERAL (REG.) EXCL. BANKING	16.06	13.39	13.99
22	BANKING	-12.17	-15.94	-15.94
23	BILATERAL(INTER-REG.), EXCLUDING (ISOA & BANKING)	104.52	73.10	82.56
24	INTER STATE OPEN ACCESS (BILATERAL+IEX)	0.00	0.00	-8.37
25	INDIAN ENERGY EXCHANGE	-20.86	-51.39	-51.39
	<b>TOTAL(B): (19 TO 25)</b>	<b>789.35</b>	<b>721.25</b>	<b>647.61</b>
	TOTAL GENERATION (A +B) : 1 TO 25			<b>2303.89</b>
	OVER DRAWAL (+)/UNDER DRAWAL (-)			12.66
	<b>GRAND TOTAL</b>	<b>2587.01</b>	<b>2595.20</b>	<b>2316.55</b>
	LAST YEAR	2221.10	2272.67	2078.18

## 3. SYSTEM PARAMETERS AS ON 30-Apr-19

MAXIMUM DRAWL ON 30-Apr-19	10560 MW at 11.15-11.30 HRS 50.02 HZ
MINIMUM DRAWL ON 30-Apr-19	8243 MW at 18.30-18.45 Hrs 50.00 HZ
Max U/D of the day	584 MW at 18.45-19.00HRS 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	14
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & <50.0 Hz	1
NO. OF BLOCKS(UD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & <50.0 Hz	1
No. of Blocks in which Freq. >= 50.00 & <50.05 Hz	46
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 50.00 & <50.05 Hz	13
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	27
NO. OF UD BLOCKS IN WHICH FREQ. >= 50.05 & <50.10 Hz	13
No. of Blocks in which Freq. >= 50.10	9
NO. OF VIOLATION( UD BLOCKS)IN WHICH FREQ. >= 50.10	1
AVERAGE FREQ. FOR THE DAY 30-Apr-19	50.03 Hz
Max O/D of the day	578 MW at 00.45-01.00 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.	1-May-19	1-May-18		
Gandhi Sagar (Ft.)	1312	1250	1250.46	1270.36	NIL	79
R.P.Sagar (Ft.)	1157.5	1128	1136.84	1140.04	NIL	NIL
Jawahar Sagar (Ft.)	980	970.4	975.90	977.04	NIL	NIL
Kota Barrage(Ft.)	854.5	852.3	852.10	851.80		
RMC					15	
LMC					NIL	
Bhakra(Ft.)	1690	1462	1623.89	1536.41	22923	23407
Dehar (Ft.)	2941	2900	2937.72	2922.30	8590	8750
Pong(Ft.)	1421	1260	1341.85	1293.19	5300	4185
Mahi-I (Mts.)	281.5	259	224.33	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
1-May-19	KTPS	129441	6.5 days
	STPS	373500	16.5 days
	CHHABRA	106368	8 days
	KALISINDH	178266	11 days

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

1-May-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 (SD W.E.F.15.07.14)
DCCPP	HRS02	55.00	50	12.00	50	08-Oct-18	12.08		BOXED UP
DCCPP	HRS01	55.00	50	12.00	50	08-Oct-18	12.08		BOXED UP
DCCPP	GT92	110.00	100	24.00	100	08-Oct-18	12.28		BOXED UP
DCCPP	GT91	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) FORCED OUTAGE									
STATE SECTOR									
<b>STATE SECTOR</b>									
GIRAL	2	125.00	70	16.80	70	27-Jan-16	15.27		DESYNCHRONIZED DUE TO ATTEND TUBE LEAKAGE IN ASH COOLAR-1
RAMGARH	GT3	110.00	100	24.00	100	07-Dec-18	20.45		INSUFFICIENT AVAILABILITY OF GAS
RAMGARH	STG02	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		M/T 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)
<b>RAJWEST</b>	<b>3</b>	<b>135.00</b>	<b>120.0</b>	<b>28.68</b>	<b>120.0</b>	<b>29-Apr-19</b>	<b>12.37</b>		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
ENCHAHAR	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			
<b>G.TOTAL</b>					<b>511.26</b>	<b>2131.00</b>			

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 (\$).