



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

Power Position 05-Mar-18	Point No.
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1. Date-Wise Energy Availability, Consumption,OD(+)/UD(-), Peak Load, Avg. Frequency,Wind Gen. –MARCH- 2018

Date	Anticipated Availability (In LU)		Consumption (In LU)		OD(+)/UD(-) (In LU)		Peak Load (In MW)		Average freq. (In Hz)	WIND (in LU)
	2018	2017	2018	2017	2018	2017	2018	2017	2018	2018
Mar-18										
01-Mar-18	2019.86	2040.60	2030.19	2069.01	35.23	16.22	10138.00	9859.00	49.95	56.04
02-Mar-18	2017.77	2092.89	1815.97	1964.00	-10.81	25.26	9407.00	9347.00	49.99	106.96
03-Mar-18	1988.84	2156.19	1843.58	2049.21	28.42	22.34	9766.00	9661.00	49.98	129.02
04-Mar-18	2007.70	2148.39	1872.10	2005.97	13.60	21.89	9743.00	9730.00	49.97	60.32
05-Mar-18	1960.55	2089.75								
06-Mar-18										
07-Mar-18										
08-Mar-18										
09-Mar-18										
10-Mar-18										
11-Mar-18										
12-Mar-18										
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22-Mar-18										
23-Mar-18										
24-Mar-18										
25-Mar-18										
26-Mar-18										
27-Mar-18										
28-Mar-18										
30-Mar-18										
31-Mar-18										
MAXIMUM OF THE MONTH	2019.86	2156.19	2030.19	2069.01	35.23	25.26	10138.00	9859.00	49.99	129.02
MIN OF THE MONTH	1960.55	2040.60	1815.97	1964.00	-10.81	16.22	9407.00	9347.00	49.95	56.04
AVERAGE	2002.12	2090.80	1890.46	2022.05	16.61	21.43	9763.50	9649.25	49.97	88.09
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)							11564	(08.00-8.15Hrs.)	13-Jan-18	
MAX.CONSUMPTION DURING THE FY 2016-17 (L.U.)							2138.32	20-Sep-16		
MAX.PEAK LOAD DURING THE FY 2016-17 (MW)							10348	(8.15-8.30 Hrs.)	25/1/2017	
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		

25	INDIAN ENERGY EXCHANGE	-57.15	-32.81	-32.81	37.11	-57.15	-57.15	-37.90	37.11	37.11	-2.26	-37.90	-37.90	-8.07	-2.26	-2.26
	TOTAL(B): (19 TO 25)	593.59	635.92	626.84	711.15	593.59	588.24	547.26	711.15	579.07	646.72	547.26	494.86	630.07	646.72	590.42
	TOTAL GENERATION (A +B) : 1 TO 25			2074.63			1994.96			1826.78			1815.16			1858.50
	OVER DRAWAL (+)/UNDER DRAWAL (-)			34.55			35.23			-10.81			28.42			13.60
	GRAND TOTAL	2019.86	2059.46	2109.18	2017.77	2019.86	2030.19	1988.84	2017.77	1815.97	2007.70	1988.84	1843.58	1960.55	2007.70	1872.10
	LAST YEAR	2040.60	2193.80	2043.57	2092.89	2040.60	2069.07	2156.19	2092.89	1964.00	2148.39	2156.19	2049.21	2089.75	2148.39	2005.97

XENON 18

3. SYSTEM PARAMETERS AS ON 04-Mar-18

MAXIMUM DRAWL ON 04-Mar-18	9743 MW at 08.15-08.30 Hrs 49.93 Hz
MINIMUM DRAWL ON 04-Mar-18	6174 MW at 18.00-18.15 Hrs 50.06 Hz
Max U/D of the day	721 MW at 18.45-19.00 HRS 49.94 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	2
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	71
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & <50.00 Hz	14
NO. OF BLOCKS(UD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & <50.00 Hz	9
No. of Blocks in which Freq. >= 50.00 & <50.05 Hz	22
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 50.00 & <50.05 Hz	4
NO. OF BLOCKS(UD ABOVE 250 MW) IN WHICH FREQ. >= 50.00 & <50.05 Hz	3
No. of Blocks in which Freq. >= 50.05 & <50.10 Hz	1
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 4-Mar-18	49.97 Hz
Max O/D of the day	1110 MW at 20.00-20.15 HRS 49.99 Hz
Frequency Profile	% of Time
LESS THAN 49.7 HZ	0.00
LESS THAN 49.90 HZ	7.63
OPERATING RANGE (49.90 HZ TO 50.05 HZ)	85.56
ABOVE 50.05 HZ	6.81
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 (cumecs)	Inflow (cumecs)
	Max.	Min.	5-Mar-18	5-Mar-17		
Gandhi Sagar (Ft.)	1312	1250	1277.86	1300.18	9483	166
R.P.Sagar (Ft.)	1157.5	1128	1137.20	1136.07	7165	14406
Jawahar Sagar (Ft.)	980	970.4	974.30	978.70	7593	9261
Kota Barrage(Ft.)	854.5	852.3	854.30	854.50		
RMC					6150	
LMC					1500	
Bhakra(Ft.)	1690	1462	1583.94	1549.55	18487	5008
Dehar (Ft.)	2941	2900	2920.14	2915.74	1484	1760
Pong(Ft.)	1421	1260	1312.42	1311.13	14853	1536
Mahi-I (Mts.)	281.5	259	272.90	274.15	2984	NIL
Mahi-II (Mts.)	220.5	217	218.40	217.25	418	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
5-Mar-18	KTPS	91894	4.5 DAYS
	STPS	68311	2.5 DAYS
	CHHABRA	60242	8 DAYS
	KALISINDH	66874	4.5 DAYS

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

5-Mar-18

(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	HRS02*	55.00	50	12.00	50	13-Jul-16	16.35				BOXED UP/PERMISSION GIVEN BY RU/NL ON DATE 17.08.17 BUT PROBLEM IN DCCPP END)
DCCPP	GT02*	110.00	100	24.00	100	13-Jul-16	16.40				BOXED UP/PERMISSION GIVEN BY RU/NL ON DATE 17.08.17 BUT PROBLEM IN DCCPP END)
DCCPP	HRS01	55.00	50	12.00	50	11-Dec-17	21.12				SYSTEM LINE VOLTAGE INCREASE/permission not granted by ruval end id msg no OP/12/730 dt 27.12.17 and op/12/790 dt 30.12.17)
DCCPP	GT01	110.00	100	24.00	100	12-Dec-17	23.34				AIR INLET DIFFERENTIAL PRESSURE HIGH/permission not granted by ruval end id msg no OP/12/730 dt 27.12.17 and op/12/790 dt 30.12.17)
STPS	2	250.00	229	55.00	229	23-Feb-18	15.07				LOSS OF ALL FUEL/PERMISSION NOT GRANTED BY RU/NL END L.D. MESSAGE NO. 0092/343 DATED 26.02.18
STPS	3	250.00	229	55.00	229	01-Mar-18	17.25				DESYNCHRONISED AGAINST SYNCH OF #1 VIDE L.D. OP. NO. 580 DATED 26.02.18
STPS	6	250.00	229	0.00	0	03-Mar-18	15.42	04-Mar-18	23.15		DESYNCHRONISED AGAINST message no. OP0352 from LD side and STPS message no. 1892
Total(A) STATE SECTOR-PLANNED OUTAGE		1205.00	1057.00	198.80	828.00						
CENTRAL SECTOR											
DADRI GFS	4	130.19	22	5.30	22	18-Oct-17	6.00				RESERVE SHUTDOWN
DADRI GFS	6	154.00	22	5.30	22	25-Oct-17	23.22				RESERVE SHUTDOWN
DADRI GFS	3	130.00	22	5.30	22	25-Oct-17	22.30				RESERVE SHUTDOWN
AURAIYA GFS	4	111.00	18	4.40	18	25-Oct-17	22.43				RESERVE SHUTDOWN
AURAIYA GFS	6	109.00	18	4.40	18	25-Oct-17	23.09				RESERVE SHUTDOWN
AURAIYA GFS	3	111.00	18	4.40	18	25-Oct-17	23.12				RESERVE SHUTDOWN
AURAIYA GFS	1	111.19	18	4.40	18	28-Jun-18	5.51				RESERVE SHUTDOWN
AURAIYA GFS	5	109.00	18	4.40	18	02-Feb-18	19.28				RESERVE SHUTDOWN
ANTA GFS	3	88.71	31	7.50	31	02-Feb-18	19.39				RESERVE SHUTDOWN
ANTA GFS	2	88.71	31	7.50	31	02-Feb-18	20.06				RESERVE SHUTDOWN
ANTA GFS	4	153.20	34	8.20	34	02-Feb-18	20.18				RESERVE SHUTDOWN
ANTA GFS	1	88.71	31	7.50	31	02-Feb-18	20.42				RESERVE SHUTDOWN
DADRI-T2	2	490.00	15	3.59	15	03-Feb-18	1.33				ANNUAL MAINTENANCE
RAPP-C	6	220.00	44	10.50	44	05-Feb-18	23.59				SHUT DOWN
STPP(HAHAR)	1	500.00	5	0.00	0	21-Feb-18	0.00				COAL SHORTAGE
Total(B) CENTRAL SECTOR-PLANNED OUTAGE		2594.71	347.00	82.69	342.00						
(B) FORCE OUTAGE											
STATE SECTOR											
STATE SECTOR											
GIRAL	2	125.00	70	16.80	70	27-Jan-16	15.27				DESYNCHRONIZED DUE TO ATTEND TUBE LEAKAGE IN ASH COOLAR-I
ADANI	1	660.00	600	144.00	600	06-Jan-18	8.31				LOW COAL STOCK
ADANI	2	660.00	600	144.00	600	13-Jan-18	18.52				LOW COAL STOCK
RANGARI	GT02	37.50	29	7.00	29	06-Feb-18	3.04				DUE TO HIGH SPREAD
KTPS	1	110.00	100	23.00	100	01-Feb-18	18.28				LEAKAGE IN BOILER DUCT
RAJWEST	8	135.00	120	28.67	120	03-Mar-18	12.33				HEAVY BED MATERIAL LEAKAGE
CHHABRA	1	250.00	210	54.00	210	04-Mar-18	20.00				CONDENSER TUBE LEAKAGE
Total(B) STATE SECTOR-FORCED OUTAGE		1977.50	1729.00	417.47	1729.00						
CENTRAL SECTOR											
UNCHAHAR	6	500.00	NA	NA	NA	01-Nov-17	15.40				FURNISH PRESSURE HIGH
DADRI GFS	2	130.19	22	5.30	22	15-Feb-18	12.09				UNIT TAKEN UNDER RESERVE SHUTDOWN
Total(B) CENTRAL SECTOR-FORCED OUTAGE		630.19	22.00	5.30	22.00						
G.TOTAL				422.77	1751.00						

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 (\$).